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1888

THIRD ANNUAL

CATALOGUE

OF

Macalester College,

MACALESTER, MINN.

MINNEAPOLIS:
TRIBUNE JOB PRINTING CO.
1888.

Christus in Omnibus, Lex et Lux.

Macalester College opened Wednesday, Sept. 16, 1885, under Presbyterian control.

It aims to secure thorough education in the Classics, in the Sciences, in Modern Languages, and in Literature, through experienced teachers, and under positive religious influences.

Denominational, but not Sectarian.

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COLLEGIATE DEPARTMENT.

STUDENTS.

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*S. Lincoln Sargeant,	Albert Lea, Minn.
William M. Thompson,	St. Paul, Minn.
Thomas C. Williamson,	Greenwood, Dak.

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STUDENTS.

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Robert O. Van Horn,	Fort Snelling, Minn.
Robert L. Wharton,	St. Paul, Minn.

The following young ladies living near to, and on the grounds of, Macalester College, were, by action of the Board of Trustees, admitted to classes in the Preparatory Department of the College.

SENIOR CLASS.

Agnes F. Taylor,	Macalester, Minn.
Minnie C. Kitchen,	Macalester, Minn.

MIDDLE CLASS.

Virginia D. Rose,	Merriam Park, Minn.

GENERAL SUMMARY.

COLLEGIATE DEPARTMENT.

Junior Class,	8
Sophomore Class,	9
Freshman Class,	8

PREPARATORY DEPARTMENT.

Senior Class,	22
Middle Class,	19
Junior Class,	17
Young Ladies in the above Classes,	3
Total,	86

COLLEGIATE COURSE.

FRESHMAN CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Biography (1).*	Bible Study: O. T. Biography (1).
Math.: Algebra—*Wells* (2). Geometry—*Wentworth* (2).	Math.: Algebra—*Wells* (2). Geometry—*Wentworth* (2).
Latin: Cicero, De Senectute / Prose Comp. (5).	Latin: Cicero, De Senectute / Prose Comp. (5).
Greek: Lucian—Selections / Prose Comp. (5).	Ger.: Hist. of Ger.—*Taylor* / German Prose—*Boisen* (5).
English: Study of Words—*Trench*—(3).	English: Study of Words—*Trench* (3).
Perspective Drawing (2).	Perspective Drawing (2).

*Figures in parentheses show the number of recitations per week. Each recitation 45 minutes.

FRESHMAN CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Biography (1).	Bible Study: O. T. Biography (1).
Math.: Geometry—*Wentworth* (4).	Math.: Geometry—*Wentworth* (4).
Latin: Cicero, De Amicitia / Prose Comp. (5).	Latin: Cicero, De Amicitia / Prose Comp. (5).
Greek: Herodotus—Selections / Prose Comp. (5)	German: Ballads—*Wagner* / Prose Comp.—*Boisen* (5).
Logic (3).	Logic (3).
Perspective Drawing (2).	Perspective Drawing (2).

FRESHMAN CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: N. T. Biography (1).	Bible Study: N. T. Biography (1).
Math.: Trigonometry—*Newcomb* (4).	Math.: Trigonometry—*Newcomb* (4).
Latin: Ovid (4).	Latin: Ovid (4).
Greek: Homer—Iliad (4).	German: Wallenstein—*Schiller* (4).
Natural Science: Astronomy—*Newcomb* (4).	Natural Science: Astronomy—*Newcomb* (4).
Eng.: Day's Art of Discourse (3).	Eng.: Day's Art of Discourse (3).

SOPHOMORE CLASS—First Term.

ANCIENT CLASSICAL.

Bible Study : O. T. History (1).
Math.: Trigonometry—*Newcomb* (4).
Latin : Horace (3).
Greek : Homer—Iliad (3).
Natural Science : Physics—*Deschanel* (4).
Eng.: Day's Art of Discourse (2).
History: { Queen Elizabeth to the Execution of Charles I. Themes by Students. } (3).

MODERN CLASSICAL.

Bible Study: O. T. History (1).
Math. : Trigonometry—*Newcomb* (4).
Latin : Horace (3).
German : Wilhelm Tell (3).
Natural Science : Physics—*Deschanel.*
Eng. : Day's Art of Discourse (2).
History: { Queen Elizabeth to the Execution of Charles I. Themes by Students. } (3).

SOPHOMORE CLASS—Second Term.

ANCIENT CLASSICAL.

Bible Study : O. T. Hist. (1).
Math. : Analytical Geometry—*Loomis* (4).
Latin : Horace (3).
Greek : Demosthenes—Olynthiacs (3).
Natural Science : Physics—*Deschanel* (4).
Eng. : Day's Art of Discourse (2).
History: { Cromwellian Period to Revolution of 1688. Themes by Students. } (3).

MODERN CLASSICAL.

Bible Study : O. T. Hist. (1).
Math. : Analytical Geometry—*Loomis* (4).
Latin : Horace (3).
Ger. : Hermann and Dorothea—*Gœthe* (3).
Natural Science : Physics—*Deschanel* (4).
Eng. : Day's Art of Discourse (2)
History: { Cromwellian Period to Revolution of 1688. Themes by Students. } (3).

SOPHOMORE CLASS—Third Term.

ANCIENT CLASSICAL.

Bible Study : O. T. Hist. (1).
Math. : Navigation and Surveying (3).
Latin : Tacitus (3).
Greek : Apology and Crito (3).
Natural Science : Physics—*Deschanel* (4).
Psychology : Human Intellect—*Porter* (3).
History: { Accession of William and Mary to Stamp Act. Themes by Students. } (3).

MODERN CLASSICAL.

Bible Study : O. T. Hist. (1).
Math. : Navigation and Surveying (3).
Latin : Tacitus (3).
Ger. : Iphigenia—*Gœthe* (3).
Natural Science : Physics—*Deschanel* (4).
Psychology : Human Intellect—*Porter* (3).
History: { Accession of William and Mary to Stamp Act. Themes by Students. } (3).

JUNIOR CLASS—First Term.

ANCIENT CLASSICAL.

Ethics—*Gregory* (2).
Natural Science: Chemistry (4).
Psychology: Human Intellect—*Porter* (4).
Anglo-Saxon: Gram. and Read. (2).
English Literature to 15th Century (1).
History: Ecclesiastical Power during the Middle Ages (2).

ELECTIVES—

Math.: Conic Sections—*Bowser* (5).
Latin: Cicero, De Officiis (2).
Greek: Æschylus (3).
Ger.: Grammar—*Schmitz* (5).
French: Bocher's Otto's Grammar and Reader (5).

MODERN CLASSICAL.

Ethics—*Gregory* (2).
Natural Science: Chemistry 4).
Psychology: Human Intellect—*Porter* (4).
Anglo-Saxon: Gram. and Read. (2).
English Literature to 15th Century (1).
History: Ecclesiastical Power during the Middle Ages (2).

ELECTIVES—

Math.: Conic Sects.—*Bowser* (5).
Latin: Cicero De Officiis (2).
Ger.: Nathan der Weise (3).
Greek: Lessons and Grammar (5).
French: Bocher's Otto's Grammar and Reader (5).

JUNIOR CLASS—Second Term.

ANCIENT CLASSICAL.

Ethics—*Gregory* (2).
Natural Science: Chemistry (4).
Logic—*Gregory* (4).
Anglo-Saxon—Gram. and Read.(2)
Elizabethan Literature (1).
History: Constitutional History of England (2).

ELECTIVES—

Math.: Differential Calculus—*Bowser* (5).
Latin: Plautus (2).
Greek: Sophocles—Antigone(3).
Ger.: Grammar—*Schmitz.* / First German Book—*Worman.* (5).
French: Bocher's Otto's Grammar and Reader (5).

MODERN CLASSICAL.

Ethics—*Gregory* (2).
Natural Science: Chemistry 4).
Logic—*Gregory* (4).
Anglo-Saxon: Gram. and Read. (2).
Elizabethan Literature (1).
History: Constitutional History of England (2).

ELECTIVES—

Math.: Differential Calculus—*Bowser* (5).
Latin: Plautus (2).
Ger.: Minna von Barnhelm—*Lessing* 3).
Greek: Lessons and Anabasis (5).
French: Bocher's Otto's Grammar and Reader (5).

JUNIOR CLASS—Third Term.

ANCIENT CLASSICAL.

Bible Study: O. T. Literature (1).
Natural Science: Botany (5).
Psychology: Motive Powers—*McCosh* (4).
English: Early and Middle (2).
English Literature: Shakespeare and Milton (1).
History: Mediæval Society (2).
ELECTIVES—
Math.: Integral Cal.—*Bowser*(5)
Latin: Terence (2).
Greek: Euripides or Aristophanes (3).
Ger.: Grammar—*Schmitz*, First Ger. Book—*Worman* (5).
French: Gram. continued Causeries Avec Mes Eleves —*Sauveur* (5).

MODERN CLASSICAL.

Bible Study: O. T. Literature (1).
Natural Science: Botany (5).
Psychology: Motive Powers—*McCosh* (4).
English: Early and Middle (2).
English Literature: Shakespeare and Milton (1).
History: Mediæval Society (2).
ELECTIVES—
Math.: Integral Cal.—*Bowser*(5)
Latin: Terence (2).
Ger.: Deutsche Literaturgeschichte (3).
Greek: Anabasis and Prose Composition (5).
French: Gram. continued Causeries Avec Mes Eleves —*Sauveur* (5.)

SENIOR CLASS—First Term.

ANCIENT CLASSICAL.

Bible Study: N. T. Literature (3).
Christian Evidences (3).
Natural Science: Physiology and Hygiene (3).
Metaphysics: Intuitions--*Porter*(4)
History of Civilization (2).
American Literature, with Readings and Criticisms (1).
ELECTIVES—
Pure Mathematics (4).
Latin: Christian Classics (2).
Greek: New Testament (2).
Ger.: Reader and Gram. —*Whitney* Sec. Ger. Book—*Worman* (4).
French: Histoire de la France —*Fleury* (4).

MODERN CLASSICAL.

Bible Study: N. T. Literature (3).
Christian Evidences (3).
Natural Science: Physiology and Hygiene (3).
Metaphysics: Intuitions--*Porter*(4)
History of Civilization (2).
American Literature, with Readings and Criticisms (1).
ELECTIVES—
Pure Mathematics (4).
Latin: Christian Classics (2).
Ger.: Deutsche Literaturgeschichte (2).
Greek: Anabasis and Prose Composition (4).
French: Histoire de la France —*Fleury* (4).

SENIOR CLASS—Second Term.

ANCIENT CLASSICAL.

Christian Evidences (2).
Natural Science: Zoology and Comparative Anatomy (2).
Math. Astronomy (3).
Psychology: History of Philosophy—*Schwegler* (4).
Political Economy (2).
Colonial Charters: Constitution of United States; Constitution of Minnesota (2).
ELECTIVES—
Math.: Mechanical Theory of Light and Heat (4).
Latin: Virgil—Georgics (2).
Greek: New Testament (2).
Ger.: Reader—*Whitney* / Conversation—*Worman* (4).
French: Le Cid (Corneille) or Literateur Francaise Classique (2).
Natural Science: Laboratory Work—Chemical Analysis (2).

MODERN CLASSICAL.

Christian Evidences (2).
Natural Science: Zoology and Comparative Anatomy (2).
Math. Astronomy (3).
Psychology: History of Philosophy—*Schwegler* (4).
Political Economy (2).
Colonial Charters: Constitution of United States; Constitution of Minnesota (2).
ELECTIVES—
Math.: Mechanical Theory of Light and Heat (4).
Latin: Virgil—Georgics (2).
Ger.: Deutsche Literatour-geschichte (2).
Greek: Anabasis and New Testament (4).
French: Le Cid (Corneille) or Literateur Francaise Classique (2).
Natural Science: Laboratory Work—Chemical Analysis (2).

SENIOR CLASS—Third Term.

ANCIENT CLASSICAL.

Social Science: Sociology (2).
Natural Science: Geology—*Dana* (5).
Biology (3).
International Law (2).
Characteristics of Administrations from Washington to Cleveland (2).
Grecian Philosophy and Literature (3).

MODERN CLASSICAL.

Social Science: Sociology (2).
Natural Science: Geology—*Dana* (5).
Biology (3).
International Law (2).
Characteristics of Administrations from Washington to Cleveland (2).
German Literature (3).

PREPARATORY DEPARTMENT.

JUNIOR CLASS.

FIRST TERM.

Biblical Instruction (1).* Arithmetic—*Fish* (4). English Grammar—*Harvey* (4).	Physical Geography—*Cornell* (3). United States History—*Scudder* (3) Latin: First Lessons—*Collar & Daniell* (5).

SECOND TERM.

Biblical Instruction (1). Arithmetic—*Fish* (4). English Grammar—*Harvey* (4).	Physical Geography—*Cornell* (3). United States History—*Scudder* (3) Latin: First Lessons—*Collar & Daniell* (5).

THIRD TERM.

Biblical Instruction (1). Arithmetic—*Fish* (4). Latin Grammar—*Harkness.* First Lessons—*Collar & Daniell.* } (5).	English: Higher Lessons—*Reed & Kellogg* (5). Drawing — Elementary Free-hand (5).

* Figures in parentheses show the number of recitations per week. Each recitation 45 minutes.

Those entering the Junior Class of this department are supposed to be well prepared in studies of a lower grade. (See requirements for admission.) After completing the work of this class, students are advanced to the Ancient Classical Course or to the Modern Classical Course, the classics in the former being Latin and Greek, and in the latter, Latin and German; in all other respects the studies are the same in both Courses. By this arrangement students may choose either Greek or German, both of which are now introduced, and are carried forward throughout the curriculum.

MIDDLE CLASS—First Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* Nepos (5).	Latin: Grammar—*Harkness* Nepos. (5).
Greek: Lessons and Grammar—*Hadley-Allen* (5).	German: Grammar—*Schmitz* (5).
English: Higher lessons—*Reed & Kellogg* (4).	English: Higher Lessons—*Reed & Kellogg* (4).

MIDDLE CLASS—Second Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* Cæsar and Prose Comp. (5).	Latin: Grammar—*Harkness* Cæsar and Prose Comp. (5).
Greek: Grammar and Lessons—*Hadley-Allen* (5).	German: Grammar—*Schmitz* First Book—*Worman* (5).
English: Word Analysis—*Swinton* (4).	English: Word Analysis—*Swinton* (4).

MIDDLE CLASS—Third Term.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* Cæsar and Prose Comp. (5).	Latin: Grammar—*Harkness* Cæsar and Prose Comp. (5).
Greek: Anabasis and Prose Composition (5).	German: Grammar—*Schmitz* First Book—*Worman* (5).
English: Word Analysis (4).	English: Word Analysis (4).

SENIOR CLASS—First Term.

ANCIENT CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Virgil: Æneid (5).
Greek: Grammar, Anabasis and Prose Comp. (5).
English—*Chittenden* (2).
Elementary Civics (2).
Physiology and Hygiene (1).

MODERN CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Virgil: Æneid (5).
German: Reader and Grammar—*Whitney*, Second German Book—*Worman* (5).
English—*Chittenden* (2).
Elementary Civics (2).
Physiology and Hygiene (1).

SENIOR CLASS—Second Term.

ANCIENT CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Virgil: Æneid (5).
Greek: Grammar, Anabasis and Prose Comp. (5).
English: *Chittenden* (2).
History: Swinton's Outlines (3).

MODERN CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Virgil: Æneid (5).
German: Reader and Grammar—*Whitney*, Manual of German Composition—*Worman* (5).
English—*Chittenden* (2).
History: Swinton's Outlines (3).

SENIOR CLASS—Third Term.

ANCIENT CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Cicero—Orations, Prose Composition (5).
Greek: N. T. and Prose Comp (5).
English—*Chittenden* (1).
History: Swinton's Outlines (4).

MODERN CLASSICAL.

Bible Study (1).
Algebra—*Wells* (2).
Geometry—*Wentworth* (2).
Latin: Grammar—*Harkness*, Cicero—Orations, Prose Composition (5).
German: Reader and Grammar—*Whitney*, Manual of German Composition—*Worman* (5).
English: *Chittenden* (1).
History: Swinton's Outlines (4).

COURSES OF STUDY.

The departments of study herewith presented are the Preparatory and the Collegiate. Thirty-six weeks, exclusive of vacations, constitute a year's study.

I. The Preparatory Department covers a period of three years, and is arranged to meet all requirements of thorough preparation for either of the Collegiate Courses. There are introduced at the beginning of the Middle Preparatory, two Courses:—the Ancient Classical and the Modern Classical; German in the Modern Classical is made the equivalent of Greek in the Ancient Classical. These courses run parallel throughout the curriculum, and furnish attractive and rare opportunities for proficiency in their prescribed studies.

Students are admitted to this department and assigned to such classes as their examinations determine; and all students in this department are under the special oversight of the Faculty, with the view of helping them to fixed habits of study, and of securing their greater proficiency in the branches studied. Those completing the studies of this department pass regularly and without examination into the Collegiate Department.

II. The Collegiate Department, like the Middle and Senior Preparatory, is divided into the Ancient Classical and Modern Classical. These courses are maintained until the close of the Second Term of the Senior year. No variation either from the Ancient Classical, or Modern Classical, is permitted during the Freshman and Sophomore years. In the Junior, and first and second terms of the Senior year, the electives are as follows: Mathematics, Greek, Latin, German, French, and Laboratory work. Election of the desired course being made at the beginning of the Junior year, the student must pursue the studies of that course without change.

No class in Elective Studies will be formed with less than four members.

The following distinctive features of the prescribed course are worthy of note:

1. Students in the Ancient and Modern Classical courses have the same advantages in Mathematics, in the Sciences, in History, and in English.

2. The Bible and English (including Anglo-Saxon) are made prominent features throughout the course.

3. Natural Science is introduced in the Freshman year, and continues throughout the course.

4. Mental Science is introduced in the third term of the Sophomore year, in which a careful general view of the science is given, as needful preparation for the thorough mastery of the subject in succeeding terms.

5. The last term of the Senior year is devoted exclusively to Sciences, Literature and Philosophy.

REQUIREMENTS FOR ADMISSION.

1. Testimonials of good moral character are required of all students at their entrance into either department of the College.

2. *Applicants for the Junior Preparatory* are required to pass an examination in Orthography, Descriptive Geography, Arithmetic through Common Fractions, and Elements of English Grammar.

3. *Applicants for the Freshman* are required to pass an examination as follows:

MATHEMATICS.—Arithmetic completed, Algebra to Quadratics, and Geometry (four books).

ENGLISH.—Grammatical Analysis, Word Analysis, and Elements of Rhetoric.

HISTORY.—U. S. History, General History. (Swinton's, Anderson's, or their equivalents.)

PHYSICAL GEOGRAPHY.—Cornell's, or its equivalent.

LATIN.—Three books of Cæsar, four lives of Nepos, four books of Virgil, and three Orations of Cicero, or their equivalents.

4. In addition to the above, applicants for the Ancient Classical are required to pass an examination in Greek, as follows:

Lessons, three books of Anabasis, twenty lessons of Jones' Prose, or their equivalent.

Applicants for the Modern Classical are required to pass an examination in German as follows: German Grammar and Whitney's or Adler's Reader.

5. Applicants for more advanced classes are required to pass an examination in the studies, or their equivalents, of the lower classes.

6. Applicants deficient in some studies will be given opportunity to make up what will secure full class standing.

7. Due consideration will be given to the certificates of grades and diplomas brought by students from High Schools, Normal Schools and Academies.

PARTICULAR DESCRIPTION.

RELIGIOUS INSTRUCTION, APOLOGETICS AND ETHICS.

THE PRESIDENT.

The Gospel Narrative and History constitute the scope of Biblical Instruction in the Preparatory Course, from the beginning to the first term of the Senior year. An analysis of the Gospel History is now introduced and limited to the Senior Preparatory.

In the first term of the Junior Collegiate year Christian Ethics is begun and continued through the second term. The textual study of the subject is supplemented with lectures.

The first and second terms of the Senior year are devoted to Christian Evidences. By critical study of the text-book, by lectures on particular evidences and by historic review, the stability and growth of the Christian system are shown in contrast with the corruption and decay of false systems of religion. Special attention is given to the harmony of Science and Religion.

HISTORY, ENGLISH LITERATURE, AND POLITICAL SCIENCE.

PROF. NEILL.

Prominence is given to historical and economic topics with such knowledge of English Literature as will lay the foundation for a broad culture. While text books are not altogether discarded, the student is taught, as in Harvard and the University of Michigan, chiefly by lectures, the required preparation and examination of note books and the writing of theses on assigned topics. During the Senior year particular attention is given to Constitutional History, and the decisions of the United States' Supreme Court since the last amendments to the Constitution.

ENGLISH.

PROFS. PEARSON AND WALLACE.

The study of Rhetoric continues through the Freshman and Sophomore years. The constant aim is to give facility in writing and speaking, and to encourage students in a critical study of the English classics. In connection with the Art of Discourse essays are required each week. The criticism of essays forms a special feature, with the double view of leading students into the use of good English as well as into habits of careful, intelligent thinking. The first and second terms of the Junior Year are then given to Anglo-Saxon in which selections from the Gospels, Caedmon and Beowulf, are critically read after the same method as that employed in the study of Latin and Greek. Attention

is constantly directed to the contributions Anglo-Saxon has made to our own tongue, in words, phrases, idioms, syntax, etc. Following this, one term is devoted to a general view of Early and Middle English with critical study of selections from Layamon, Ormin and other authors. This prepares for the course in English Literature described elsewhere.

MENTAL SCIENCE AND LOGIC.

PROF. KIRKWOOD.

Study in this department begins with the third term of the Sophomore year and continues to the end of the Senior year.

The subjects studied are the Cognitive and Mental Powers, Formal Logic, Metaphysics and the History of Philosophy. In the study of the Cognitive and Motive Powers, due attention is paid to the Physiological element involved.

The aim, throughout the course, is to enable students to acquire some degree of skill in observing and analyzing their own mental operations, a fair understanding of the laws governing them, and as full a knowledge of the doctrine of Intuitions and of the growth and characteristics of the various systems of Philosophy as the time allotted to this department will permit.

DEPARTMENT OF NATURAL SCIENCE.

PROF. FORBES.

PHYSICS is studied during the Sophomore year. It is taught by text-books, supplemented by lectures and experiments.

CHEMISTRY with Laboratory work is taught as far as possible after the same method as Physics.

BOTANY.—In addition to the use of the text-book each student is required to collect and mount not less than fifty species of plants; also, to prepare sections of vegetable tissue as objects for the microscope.

PHYSIOLOGY, HYGIENE AND ANATOMY are taught with the aid of text-books, charts, manakin and skeletons, and Biology and *Comparative Anatomy* with text-books, models and skeletons.

ASTRONOMY.—In addition to the study of the text-book, each student is required to locate, and make diagrams of, not less than twenty-five of the principal constellations.

GEOLOGY is studied with the text-book, to which is added field work for the collection and classification of minerals, rocks and fossils. Biology will conclude the department of Natural Science.

Special features, however, are brought to view:

1. In *Physics*, skill in the use of the telegraph instruments to the extent of being able to send and receive messages readily, is made competitive.

2. In Photography, students are required to present twenty-five negatives and prints from the same, all of their own work. They will also be taught the use of the microscope in micro-photography.

LATIN LANGUAGE AND LITERATURE.

PROF. PEARSON.

Throughout the early years of the course analysis and synthesis, both of words and sentences, are considered indispensable. Special emphasis is put upon the Etymology and Syntax of the language that the student may acquire facility in translating accurately and fluently into idiomatic English. In connection with the poets, Prosody is made prominent. Throughout the course such readings, dissertations and essays are required as will lead students into a careful study of the Literature and History of the Roman people, emphasis being placed upon the manners and customs, political and intellectual development, as well as their relations to other historic nations and times. Reference is had constantly to the studies that are pursued simultaneously that the work may be as nearly unified as possible.

GREEK LANGUAGE AND LITERATURE.

PROF. WALLACE.

Greek is a cardinal feature of the Ancient Classical Course. The general aim is to study critically some of the masterpieces in each of the great departments of Greek literature: History, Oratory, Philosophy and Poetry.

In the first year the Lessons and first book of the Anabasis, (except chapters 3 and 9), are completed. In the Senior Preparatory and Freshman years, the Anabasis and the Dialogues of Lucian, (or the Orations of Lysias), with Prose Composition, are carefully studied to give facility in reading plain Attic prose. Special attention is given in these years to the acquisition of a large vocabulary and to the mastery of the grammar.

Three terms are then given to Ionic Greek—Homer and Herodotus—in connection with which the habits, customs, political and religious ideas of the early Greeks are carefully noted. In the study of oratory, besides the attention ordinarily given to Demosthenes, at least one oration of Lysias and one of Isocrates is critically read in the original, or in English, and a general view of the development of Greek oratory is presented. The same plan is pursued in the study of the philosophical writers and the poets.

As most of those who elect Greek have the ministery in view, the Senior year is devoted largely to the Greek Testament, the aim being to read carefully all of St. Paul's Epistles.

To give the student some acquaintance with Greek as *now* spoken and

written, a few recitations are set apart for sight reading in newspapers of current date published in Athens.

Throughout the course, collateral reading in the histories of Cox, Smith, Grote, Curtius and other standard authors is prescribed.

GERMAN LANGUAGE AND LITERATURE.

German is the distinguishing feature of the Modern Classical Course and runs parallel with the Greek of the Ancient Classical. The aim is to master the language both as spoken and written, and to attain a good measure of familiarity with German History and the masterpieces of German Literature. Accordingly, to the careful study of German and the reading of German Classics is added a thorough course in conversational exercises.

In the first year the Grammar and First German Book (Worman) are completed. The next two years are given to the Reader, Grimm's Fairy Tales, Prose Composition, and History of Germany. Then follows the critical study of the classic authors, Lessing, Shiller and Gœthe. The course closes with a general survey, by means of text-book and lectures, of the entire field of German Literature.

FRENCH LANGUAGE AND LITERATURE.

French is introduced as an elective in both the Ancient and the Modern Classical courses at the beginning of the Junior year. As students have then made large attainments in Latin, it is believed that much facility in reading and even in speaking the French language may be attained in the time allotted to it. The method of study is the same as that pursued with the German—a combination of the natural or conversational with the scientific.

BIBLICAL HISTORY AND LITERATURE.

PROF. RICE.

The Bible has been given a central place in the College Curriculum. It is deemed by the founders of the College the most instructive book to be found in the whole range of literature, in biography, in history, in widely varied passages of unrivaled literary beauty, both in poetry and in prose, in the revelation of a perfect Law and a perfect Gospel, of a perfect Law Giver and a perfect Saviour, in the culture of a manly character and a noble life. It will be the aim of this department to aid the students in understanding and appreciating the manifold excellences that have secured for the Bible the title of "THE BOOK."

MATHEMATICS.

PROF. BOYD.

The Preparatory Department:

(A). In the Junior Preparatory, there are five exercises a week during the year in Arithmetic.

(B). The Middle Preparatory, taking up Wells' University Algebra, recites five times a week throughout the year, solving quadratics of two unknown quantities.

(C). In the Senior Preparatory, there are two exercises a week in Algebra and Wentworth's Geometry respectively, during the year. The first four books of Geometry and Quadratics to the Theory of Equations in Algebra are completed.

The Collegiate Department:

(A). In Freshman year there are two exercises a week, during the first term, in Algebra and Geometry respectively. The Theory of Equations in Algebra and the Geometry of the Plane are discussed. In the second term there are four exercises a week in Solid and Spherical Geometry. During the third term there are four exercises a week in Newcomb's Plane Trigonometry.

(B). The Sophomore Class has four exercises a week throughout the first and second terms. During the first term Analytical and Spherical Trigonometry are studied. For the second term the study is Loomis' Analytical Geometry. During the third term the studies are Navigation and Surveying, which together recite three times a week.

(C). In the Junior year Mathematics is an elective study. The class has five exercises a week throughout the year. For the first and second terms the studies are Analytical Geometry and the Differential Calculus; for the third term the Integral Calculus. Bowser's Analytical Geometry and Differential and Integral Calculus are used.

(D). In the Senior year, Mathematics as an elective has four exercises a week during the first and second terms. Mathematical Astronomy, a required study, has three exercises a week during the second term. For the first term the elective study is Mechanics; for the second term the Mechanical Theory of Heat and the Mathematical Theory of Light.

In addition to the examples for practice of the text-books, numerous exercises are given.

GENERAL INFORMATION.

LOCATION.

Macalester College is located midway between the business centers of the cities of Minneapolis and St. Paul, and within one and a half miles of Merriam Park. The Chicago, Milwaukee and St. Paul Railway passes within three-quarters of a mile of the College building. The location is beautiful and commanding. Minneapolis is in full view from the College grounds, and a short walk to the east of the College grounds brings St. Paul into view. On the east of the College is Snelling avenue, on the north is Summit avenue, or the projected *boulevard*, two hundred feet in width, from Minneapolis to St. Paul. Being about five miles from the business centers of the Twin Cities, it is, by the cars, a ten minutes' ride to either. There are no saloons or other temptations to immoral habits present. All of the advantages of the city are had, without any of the disadvantages. The healthfulness of the climate is unsurpassed.

ACCESS.

Access to it is had by means of the Chicago, Milwaukee and St. Paul Railway. The trains stop at Macalester Station, the point where Snelling avenue intersects the railroad.

Special rates of travel are furnished students from either city. These allow students to board at home and easily avail themselves of superior advantages for a thorough collegiate education.

CHARACTER.

The character of the College is religious, under Presbyterian control. It aims at *Higher Christian Education*, theoretical and practical. The cardinal doctrines of the Christian religion will be firmly maintained, but denominational preferences will not be interfered with. We accept the trust of young men committed to our care, and will carefully guide them in paths of literature, science and religion, and guard them against any habit not in keeping with the highest standard of manly character and moral excellence ; and, with Divine help, we will seek to realize our aim in thoroughly educated Christian young men.

HOME.

Students will find a home in the Dormitory, and social advantages in the families of the Faculty.

The Dormitory contains twenty double rooms, each designed to accommodate two students. They are heated with steam, and are furnished with ample and substantial furniture.

The management of the Dormitory is under a special committee of the Board of Trustees, who, with the aid of a matron and other suitable help, provide good boarding in quantity, quality and variety, *at rates as near to actual cost as can be ascertained.*

GOVERNMENT.

Students are expected to deport themselves as gentlemen, and conform to the prescribed rules of government. Diligence in the hours designated for study is required. Abundant facilities for wholesome exercise and recreation are given. No student is permitted to waste his time and money in habits of indolence and prodigality.

All students are permitted to visit either city once each week, provided their visits are not during hours of recitation, nor on the Lord's Day. All other visits, and going to, or returning from, the cities on the Lord's Day, must be by special permission.

Special Regulation. *The use of tobacco is discouraged, and is prohibited in and about the College buildings.*

RELIGIOUS SERVICES.

Devotional services begin the college work of each day, at which all the students are required to be present.

Public worship is held every Sabbath morning in the College Chapel, followed by a Bible lesson in classes, attendance upon which is expected from all of the students except those boarding at home, and those excused by written request of parents or guardians to worship elsewhere.

An active and flourishing organization of the College Y. M. C. A. has been organized, and has proved to be an agency of great spiritual power among the students. Its meetings are held every Sabbath evening and the College prayer meeting is held every Wednesday evening, to both of which all are invited.

LITERARY SOCIETIES.

Three Literary Societies are in successful operation. These are the *Hyperion*, the *Academian* and the *Parthenon*. The *Hyperion* is for the College classes whose students are required to unite with it for improvement in literary exercises. The other societies are for Preparatory students, and it is expected that they will become connected with them, and faithfully improve the advantages they afford.

LIBRARY.

During the past year about 500 volumes in art, science and literature were added to the library, making the aggregate number of volumes about 3,000. Valuable additions will be made to these as rapidly as possible. For the increase of the library, contributions in books and money are solicited. "Each person giving five hundred or more books shall have his name attached to one of the alcoves."

The Hon. Henry L. Moss, of St. Paul, Minn., has erected a Library Hall, which provides room for alcoves, a reading room, a cloak room, and a private room for the Librarian. Daily and weekly newspapers, monthly and quarterly magazines, in addition to the volumes in the alcoves, will furnish excellent facilities for general reading and special investigation.

CENTRAL BUILDING AND GYMNASIUM.

To provide increased facilities for the growing demands of the College, the Board of Trustees has erected the central or main wing of the College building, in which provision is made for ten large class-rooms, and additional rooms for a museum and for literary societies. The basement of this building is equipped for a gymnasium, where sufficient opportunities are given for needed exercise, under a competent instructor.

TEXT-BOOKS.

Arrangements are made whereby text-books and stationery are furnished to students at reduced rates.

EXAMINATIONS.

Written examinations are held at the close of each term, and the class standing of each student is fixed according to his grades in the branches studied. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian.

DEGREES.

Graduates from either of the Collegiate Courses receive the Degree of A. B.

EXPENSES.

Boarding in the Dormitory is *three dollars per week.*

Room in the Dormitory furnished with bedsteads, wire beds, mattresses, pillows, bureau, washstand, table, chairs, bookcase, heat and light, *fifty cents per week* per student. Washing in the laundry, fifty cents per dozen pieces.

BEDCLOTHING.—Students entering the Dormitory will provide themselves with all articles of bedclothing except pillows and bolsters.

Boarding in private families from four to four and one-half dollars per week.

RATES OF TUITION.—All candidates for the ministry have tuition provided for them, according to the action of the Board of Trustees, which requires:

(A). That candidates for the ministry shall be under the care of Presbyteries, or shall have their purpose to enter the ministry certified to by their Pastors and Church Sessions.

(B). That such students shall execute and give to the Treasurer of the Board of Trustees an obligation to refund the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(C). That free tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

Tuition in the Preparatory Department.....	$10	per term.
Incidental fee " "	3	" "
Tuition in the Collegiate "	15	" "
Incidental fee " "	3	" "

SUMMARY OF EXPENSES.

	Term.
First Term, 14 weeks, Preparatory Dept., Washing estimated at $7,	$69
Second Term, 12 " " " " " " 6,	61
Third Term 10 " " " " " " 5,	53
For the Preparatory year.....	$183

	Term.
First Term, 14 weeks, Collegiate Dept., Washing estimated at $7,	$74
Second Tern, 12 " " " " " " 6,	66
Third Term, 10 " " " " " " 5,	58
For Collegiate year.....	$198

Tuition and incidental fees must be paid in advance or arranged for with the Treasurer, before students are admitted to their classes. Board and washing to be paid weekly. No extra charges, except for breakage of working material in the Laboratory, for damage done to the furniture or to the building, for tutoring in preparation for regular class standing, and for special services in cases of sickness.

CALENDAR.

1888.—September 11, Tuesday, Entrance Examinations.
September 12, Wednesday, Fall Term begins.
December 21, Wednesday, Fall Term ends.
TWO WEEKS OF VACATION.
1889.—January 2, Wednesday, Winter Term begins.

March 27, Wednesday, Winter Term ends.
ONE WEEK OF VACATION.
April 3, Wednesday, Spring Term begins.
June 11, Tuesday, Class and Literary exercises.
June 12, Wednesday, Annual Commencement.
THIRTEEN WEEKS OF VACATION.

SCHOLARSHIPS.

Mrs. Sarah E. Oliver, Minneapolis, Minn.....$5,000.
Geo. D. Dayton Esq., Worthington, Minn..... 1,000.
P. E. Crissey Esq., St. Paul, Minn..... 1,000.

Scholarships are solicited in amounts ranging from one to five thousand dollars to be invested as Permanent Funds whose proceeds shall be used, if necessary, in providing free tuition to young men having the ministry in view.

For Catalogue and other information, address the President at Macalester, Minnesota.

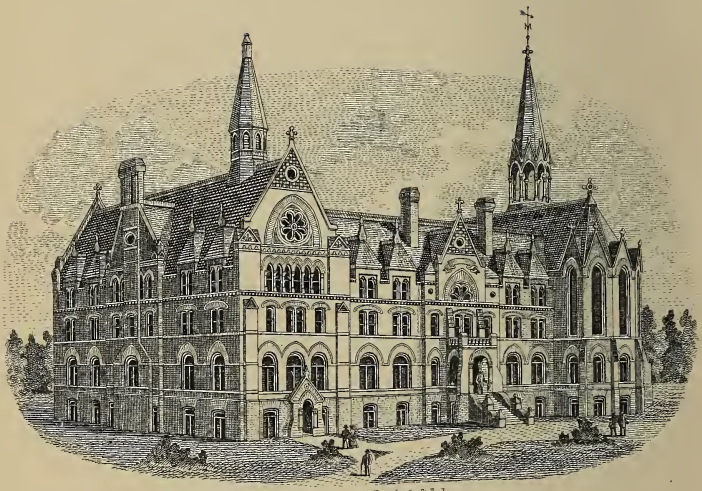
BEQUESTS to the College should be made to "The Trustees of Macalester College,"—the corporate name of the College.

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

MACALESTER COLLEGE,

MINNESOTA.

1889-1890



Wm. Bartlett & Co. St. Paul.

FIFTH ANNUAL

CATALOGUE

—OF—

MACALESTER COLLEGE,

MACALESTER, ST. PAUL,

MINNESOTA.

ST. PAUL:
PIONEER PRESS COMPANY.
1890.

NATURA ET REVELATIO CŒLI GEMINI
MACALESTRI
COLL.

Christus in Omnibus, Lex et Lux.

Macalester College opened Wednesday, Sept. 16, 1885, under Presbyterian control.

It aims to secure thorough education in the Classics, in the Sciences, in Modern Languages and in Literature, through experienced teachers, and under positive religious influences.

Denominational, but not sectarian.

CALENDAR.

1890.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
			1	2	3	4	5
	6	7	8	9	10	11	12
JULY	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		
						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
AUG.	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
		1	2	3	4	5	6
	7	8	9	10	11	12	13
SEPT.	14	15	**16**	**17**	18	19	20
	21	22	23	24	25	26	27
	28	29	30				
				1	2	3	4
	5	6	7	8	9	10	11
OCT.	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
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	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
NOV.	16	17	18	19	20	21	22
	23	24	25	26	**27**	28	29
	30						
		1	2	3	4	5	6
	7	8	9	10	11	12	13
DEC.	14	15	16	**17**	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			

1891.	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
					1	2	3
	4	5	6	**7**	8	9	10
JAN.	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
FEB.	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
MAR.	15	16	17	18	19	20	21
	22	23	24	**25**	26	27	28
	29	30	31				
				1	2	3	4
	5	6	7	**8**	9	10	11
APRIL	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		
						1	2
	3	4	5	6	7	8	9
MAY.	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	**30**
	31						
		1	2	3	4	5	6
	7	8	9	10	11	12	13
JUNE	**14**	**15**	**16**	**17**	18	19	20
	21	22	23	24	25	26	27
	28	29	30				

EXERCISES OF SECOND ANNUAL COMMENCEMENT.

JUNE 8th to 11th.

June 8, Sabbath, 3 P. M. Baccalaureate Sermon by the President.

June 8, Sabbath, 8 P. M. Address to the College Y. M. C. A. by Rev. Henry F. Williams, Editor of "Young Men's Era," Chicago, Ill.

June 9, Monday, 10 A. M. Field Day.

June 9, Monday, 8 P. M. Hyperion Entertainment.

June 10, Tuesday, 2:30 P. M. Class Day.

June 10, Tuesday, 8 P. M. Senior Address by Rev. Stephen Phelps, D. D., Council Bluffs, Iowa.

June 11, Wednesday, 9:30 A. M. Second Annual Commencement.

TRUSTEES OF THE COLLEGE.

REV. THOMAS A. McCURDY, D. D., *ex officio*, Macalester, Minn.

CLASS OF 1890.

HENRY J. HORN, ESQ. - - - - - St. Paul, Minn.
PROF. B. F. WRIGHT, - - - - St. Paul, Minn.
WILLIAM M. TENNEY, ESQ., - - Minneapolis, Minn.
ANDREW B. ROBBINS, ESQ., - - Merriam Park, Minn.
A. M. REID, ESQ., - - - - - Minneapolis, Minn.

CLASS OF 1891.

REV. DAVID J. BURRELL, D. D., - Minneapolis, Minn.
HON. ALEXANDER RAMSEY, - - - St. Paul, Minn.
ROBERT P. LEWIS, ESQ., - - - - St. Paul, Minn.
HENRY L. MOSS, ESQ., - - - - - St. Paul, Minn.
CHAS. T. THOMPSON, ESQ., - - - Minneapolis, Minn.

CLASS OF 1892.

EUGENE M. WILSON, ESQ.,* - - Minneapolis, Minn.
REV. JOSEPH C. WHITNEY, - - - Minneapolis, Minn.
H. KNOX TAYLOR, ESQ., - - - - St. Paul, Minn.
THOMAS COCHRAN, JR., ESQ., - - - St. Paul, Minn.
S. A. HARRIS, ESQ., - - - - Minneapolis, Minn.

*Deceased.

OFFICERS.

J. C. WHITNEY, - - PRESIDENT BOARD OF TRUSTEES.
R. P. LEWIS, - - VICE-PRESIDENT BOARD OF TRUSTEES.
W. M. TENNEY, - - SECRETARY BOARD OF TRUSTEES.

Finance Committee.

THOMAS COCHRAN,
R. P. LEWIS,
C. T. THOMPSON.

Auditing Committee.

H. K. TAYLOR,
S. A. HARRIS.

Committee on Dormitory, Buildings and Grounds.

R. P. LEWIS,
B. F. WRIGHT,
J. C. WHITNEY.

Committee on Instruction.

B. F. WRIGHT,
E. M. WILSON,
D. J. BURRELL.

Committee on Ways and Means.

ALEXANDER RAMSEY,
THOMAS COCHRAN,
E. M. WILSON,
C. T. THOMPSON,
A. B. ROBBINS,
H. K. TAYLOR,
T. A. McCURDY.

Committee on Library.

H. L. MOSS,
H. J. HORN,
A. M. REID.

Treasurer.

H. KNOX TAYLOR, ST. PAUL, MINN.

FACULTY.

REV. THOMAS A. McCURDY, D. D., PRESIDENT,*
And Professor of Apologetics and Ethics.

REV. EDWARD D. NEILL, D. D.,†
Professor of History, English Literature and Political Economy.

Rev. WILLIAM R. KIRKWOOD, D. D.,‡
Professor of Mental Science and Logic.

CHARLES FORBES, B. S., M. D.,
Professor of Natural Science.

FRANCIS B. PEARSON, A. M.,
Professor of Latin and English.

JAMES WALLACE, PH. D.,
Professor of Greek and Anglo-Saxon.

Professor of Biblical History and Literature.§

JAMES H. BOYD, A. M.,
Professor of Mathematics and Astronomy.

REV. NICLAUS BOLT, A. B.
Instructor in German.

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*Endowed by the Synod of Minnesota, in the sum of $30,000.
†Endowed by Matthew W. Baldwin, Esq., of Philadelphia, in the sum of $25,000.
‡Endowed by Andrew and Sarah E. Oliver, of Minneapolis, Minn., in the sum of $25,000.
§The work of this chair was done by the President.

OFFICERS AND COMMITTEES OF FACULTY.

EDWARD D. NEILL, - - - - - - LIBRARIAN.
FRANCIS B. PEARSON, - - - - - - SECRETARY.
CHARLES FORBES, - - - - - - REGISTRAR.

On Dormitory and Sanitation.

CHARLES FORBES,
THE PRESIDENT,
JAMES H. BOYD.

On Rules and Regulations.

W. R. KIRKWOOD,
THE PRESIDENT,
JAMES WALLACE.

On Athletics.

JAMES H. BOYD,
CHARLES FORBES.

On Reading Room.

JAMES WALLACE,
F. B. PEARSON.

On Lecture Course.

F. B. PEARSON,
EDWARD D. NEILL,
THE PRESIDENT.

On Catalogue.

THE PRESIDENT,
JAMES WALLACE,
F. B. PEARSON.

On Library.

EDWARD D. NEILL,
JAMES WALLACE.

On General Interests of College.

THE PRESIDENT,
EDWARD D. NEILL,
W. R. KIRKWOOD.

COLLEGIATE DEPARTMENT.

STUDENTS.

a. c., Ancient Classical Course; m. c., Modern Classical; p., Partial.

SENIOR CLASS.

Myron Augustus Clark, a. c., – – – Minneapolis, Minn.
Thaddeus Thackeray Creswell, a. c., – – Minneapolis, Minn.
John Knox Hall, a. c., – – – – Cedar Rapids, Ia.
William Henry Humphrey, a. c., – – – Hudson, Wis.
William Paul Kirkwood, a. c., – – – St. Paul, Minn.
Amos Avery Randall, a. c., – – – – Cedar Rapids, Ia.
Judson Leolin Underwood, a. c., – – Fergus Falls, Minn.

JUNIOR CLASS.

Maitland Vance Bartlett, a. c., – – New Richmond, Wis.
Walter Francis Finch, a. c., – – – Eden Prairie, Minn.
Walfrid Sundberg, a. c., – – – – St. Paul, Minn.
William Bradford Turner, a. c., – – Minneapolis, Minn.
Thomas Cornelius Williamson, a. c., – – Greenwood, Dak.

SOPHOMORE CLASS.

William Bailey Brewster, m. c., – – – Macalester, Minn.
Edward Lacy Darling, m. c., – – – – Hudson, Wis.
William Rowland Dysart, a. c., – – – St. Paul, Minn.
William Allen McCurdy, a. c., – – – Macalester, Minn.
Murdock McLeod, a. c., – – – – – St. Paul, Minn.
Eugene Ramaley, p., – – – – – St. Paul, Minn.
James Martin Walls, m. c., – – – – St. Paul, Minn.
Percy Wilson, a. c., – – – – Fort Missoula, Mont.

FRESHMAN CLASS.

Frank Walker Beidler, a. c., – – – Minneapolis, Minn.
Frank Briggs, m. c., – – – – Macalester, Minn.
Colin Reed Clark, a. c., – – – – Mandan, N. Dak.
Alexander Robertson Cochran, m. c., – – St. Paul, Minn.
Robert Jones Dysart, a. c., – – – – St. Paul, Minn.
Alfred Howell Ford, m. c., – – – – St. Paul, Minn.
Gus LeRoy Heegaard, m. c., – – – Mandan, Dak.
Daniel David McLeod, a. c., – – – St. Paul, Minn.
Sanford Fleming McLeod, a. c., – – – St. Paul, Minn.
Fred Sabin Murdock, m. c., – – – – Murdock, Minn.
James Carlisle Simonton, m. c., – – – St. Paul, Minn.
George Leonard Stouch, p., – – – Fort Snelling, Minn.
Alfred Taylor Welch, a. c., – – – Menoken, Dak.
Guy Wilson, a. c., – – – – Fort Missoula, Mont.

BALDWIN SCHOOL.*

PREPARATORY DEPARTMENT.

STUDENTS.

SENIORS.

Augustus Armstrong, p., – – – Albert Lea, Minn.
Thomas Fitz-Morris Clark, a. c., – – – Eden Prairie, Minn.
William Allison Craven, m. c., – – – Menoken, Dak.
William Wesley Gibbs, m. c., – – – St. James, Minn.
Frank Fuller Harding, m. c., – – – Hudson, Wis.
Walter Scott Lee, a. c., – – – – Pembroke, N. Y.
Charles Norman McCloud, m. c., – – – Macalester, Minn.
Robert West McCloud, a. c., – – – Macalester, Minn.
Alexander D. Naylor, m. c., – – Merriam Park, Minn.
William Hugh Sinclair, a. c., – – – – Duluth, Minn.
Judson Floyd Stone, a. c., – – – – Minneapolis, Minn.
Henry Winter Tobey, a. c., – – – Flandreau, S. Dak.
Albert E. Skinner, a. c., – – – – Albert Lea, Minn.
William Ellis Williams, a. c., – – – Minneapolis, Minn.

MIDDLE.

David Evans Blake, a. c., – – – Minneapolis, Minn.
Ralph Baldwin, m. c., – – – Merriam Park, Minn.
Clyde Reginald Brewster, m. c., – – – Irvington, Neb.
Hawley William Claflin, p., – – – Muskego, Wis.
Lorenzo Irving Cooke, m. c., – – Fort Snelling, Minn.
Harry Crandall, m. c., – – – Merriam Park, Minn.
Bert Albert Coykendall, p., – – – Merriam Park, Minn.
John William Christianson, a. c., – – Minneapolis, Minn.
Caspar Gregory Dickson, a. c., – – – Macalester, Minn.

*"The Preparatory Department of said Macalester College shall be known as the Baldwin School."—*Charter.*

MIDDLE—Continued.

William Rufus Edwards, a. c., – – Merriam Park, Minn.
John William French, m. c., – – – Fort Custer, Mont.
Carl Junia Gibbs, m. c., – – – – St. James, Minn.
Edward Howard Gordon, a. c., – – – Tyner, N. Dak.
Albert Jessmer, a. c., – – – – Princeton, Minn.
Nels Peter Grahn, a. c. – – – – Minneapolis, Minn.
Fred Naylor Jones, p., – – – – Minneapolis, Minn.
Henry Leaty, p., – – – – – – Duluth, Minn.
Hermann Carson Luersson, m. c., – – Fort Snelling, Minn.
Fred Everett Moore, a. c., – – – Minneapolis, Minn.
Albert John McKay, m. c., – – – – Ashland, Wis.
John Chauncey McDougal, p., – – – – Duluth, Minn.
Charles Milton Murray, a. c., – – – Princeton, Minn.
William Keith Naylor, m. c., – – – Merriam Park, Minn.
Egbert Simmons Oakley, a. c., – – – – Buffalo, Minn.
John Hansen Sellie, a. c., – – – Fergus Falls, Minn.
Nels Gilbertson Sundby, a. c., – – – Minneapolis, Minn.
Arthur Whitney Vance, a. c., – – – St. Paul, Minn.

JUNIOR.

Charles Adolph Blomquist, – – – Merriam Park, Minn.
Claremont Butts, – – – – Ree Heights, S. Dak.
George Hunt, – – – – – – Macalester, Minn.
William Vivian Jones, – – – – Minneapolis, Minn.
Alexander Maltby, – – – – – Pine Bend, Minn.
Frank W. Matson, – – – – – Merriam Park, Minn.
Frederick Hosmer Sabin, – – – – Stillwater, Minn.
Theodore Wittmach, – – – – – St. Paul, Minn.
Alvaren Allen Wilcox, – – – – – St. Paul, Minn.
Joseph S. Wood, – – – – – – Duluth, Minn.
John Clarence Woodhouse, – – – – St. Paul, Minn.
Benjamin Therien, – – – – – Merriam Park, Minn.

The following young ladies living near the College, were, by action of the Board of Trustees, admitted to the privileges of the College:

Myrtle M. Deakin, – – – – – Macalester, Minn.
Florence A. Forbes, – – – – Macalester, Minn.
Edna D. Hubbard, – – – – – Macalester, Minn.
Clara E. Jackson, – – – – – Macalester, Minn.
Anna D. McCloud, – – – – – Macalester, Minn.

COLLEGIATE COURSE.

FRESHMAN CLASS — FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Biography (1).*	Bible Study: O. T. Biography (1).
Math: Geometry — *Wentworth* (5).	Math.: Geometry — *Wentworth* (5).
Latin: Cicero, De Senectute } (5).	Latin: Cicero, De Senectute } (5).
Prose Comp. }	Prose Comp. }
Greek: Lucian — Selections } (5).	Ger.: Grimm's Fairy Tales. } (5).
Prose Comp. }	Whitney's Grammar. }
English: Study of Words — *Trench* (4).	English: Study of Words — *Trench* (4).

* Figures in parentheses show the number of recitations per week. Each recitation 45 minutes.

FRESHMAN CLASS — SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Biography (1).	Bible Study: O. T. Biography (1).
Math.: Algebra — *Wells* (5).	Math.: Algebra — *Wells* (5).
Latin: Cicero, De Amicitia } (5).	Latin: Cicero, De Amicitia } (5).
Prose Comp. }	Prose Comp. }
Greek: Herodotus — Selections } (5).	Ger.: Der Neffe als Onkel. } (5).
Prose Comp. }	Whitney's Grammar. }
Logic (3).	Logic (3).

FRESHMAN CLASS — THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: N. T. Biography (1).	Bible Study: N. T. Biography (1).
Math.: Trigonometry — *Newcomb* (4).	Math.: Trigonometry — *Newcomb* (4).
Latin: Ovid (5).	Latin: Ovid (5).
Greek: Homer — Iliad (4).	German: Ballads (4).
Perspective Drawing (3).	Perspective Drawing (3).
Eng.: Day's Art of Discourse (3).	Eng.: Day's Art of Discourse (3).

SOPHOMORE CLASS—FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. History (1).	Bible Study: O. T. History (1).
Math.: Trigonometry — *Newcomb* (4).	Math.: Trigonometry — *Newcomb* (4).
Latin: Horace (3).	Latin: Horace (3).
Greek: Homer — Iliad (3).	German: Wilhelm Tell (3).
Natural Science: Physics — *Deschanel* (4).	Natural Science: Physics — *Deschanel* (4).
Eng.: Day's Art of Discourse (2).	Eng.: Day's Art Discourse (2).
History: { Queen Elizabeth to the Execution of Charles I. Themes by Students. } (3).	History: { Queen Elizabeth to the Execution of Charles I. Themes by Students. } (3).

SOPHOMORE CLASS—SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. History (1).	Bible Study: O. T. History (1).
Math.: Analytical Geometry — *Newcomb* (4).	Math.: Analytical Geometry — *Newcomb* (4).
Latin: Horace (3).	Latin: Horace (3).
Greek: Demosthenes—Olynthiacs (3).	Ger.: Goetz von Berlichingen — *Goethe* (3).
Natural Science: Physics — *Deschanel* (4).	Natural Science: Physics — *Deschanel* (4).
Eng.: Day's Art of Discourse (2).	Eng.: Day's Art of Discourse (2).
History: { Cromwellian Period to Revolution of 1688. Themes by Students. } (3).	History: { Cromwellian Period to Revolution of 1688. Themes by Students. } (3).

SOPHOMORE CLASS — THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. History (1).	Bible Study: O. T. History (1).
Math.: Navigation and Surveying— *Schuyler* (3).	Math.: Navigation and Surveying —*Schuyler* (3).
Latin: Tacitus (3).	Latin: Tacitus (3).
Greek: Apology and Crito (3).	Ger.: Literature from Luther to Klopfstock (3).
Natural Science: Physics — *Deschanel* (4).	Natural Science: Physics — *Deschanel* (4).
Psychology — *Porter* (3).	Psychology: *Porter* (3).
History: { Accession of William and Mary to Stamp Act. Themes by Students. } (3).	History: { Accession of William and Mary to Stamp Act. Themes by Students. } (3).

JUNIOR CLASS — FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Ethics — *Gregory* (2).	Ethics — *Gregory* (2).
Natural Science : Chemistry (4).	Natural Science : Chemistry (4).
Human Intellect — *Porter* (4).	Human Intellect — *Porter* (4).
Anglo-Saxon : Gram. and Reader (2).	Anglo-Saxon : Gram. and Reader. (2).
English Literature to 15th Century (1).	English Literature to 15th Century (1).
History : Ecclesiastical Power during the Middle Ages (2).	History : Ecclesiastical Power during the Middle Ages (2).
ELECTIVES—	ELECTIVES —
Math. : Conic Sections—*Bowser* (5).	Math. : Conic Sections— *Bowser* (5).
{ Latin : Cicero, De Officiis (2). { Greek : Æschylus (3).	{ Latin : Cicero De Officiis (2). { Ger. Lit.–Minna von Barnhelm (3).
Ger. : Grammar—*Bernhardt I.* (5).	Greek : Lessons and Grammar (5).
French : Bocher's Otto's Grammar and Reader (5).	French : Bocher's Otto's Grammar and Reader (5).

JUNIOR CLASS — SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Ethics — *Gregory* (2).	Ethics — *Gregory* (2).
Natural Science : Chemistry (4).	Natural Science : Chemistry (4).
Logic — *Jevons* (4).	Logic — *Jevons* (4).
Anglo-Saxon — Gram. and Read. (2).	Anglo-Saxon : Gram. and Read. (2).
Elizabethan Literature (1).	Elizabethan Literature (1).
History : Constitutional History of England (2).	History : Constitutional History of England (2).
ELECTIVES —	ELECTIVES —
Math. : Differential Calculus — *Bowser* (5).	Math. : Differential Calculus—*Bowser* (5).
{ Latin : Plautus (2). { Greek : Sophocles—Antigone (3).	{ Latin : Plautus (2). { Ger. : Nathan der Weise (3).
Ger. : Grammar—*Bernhardt I.* (5).	Greek : Lessons and Anabasis (5).
French : Bocher's Otto's Grammar and Reader (5).	French : Bocher's Otto's Grammar and Reader (5).

JUNIOR CLASS — THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: O. T. Literature (1).	Bible Study: O. T. Literature (1).
Natural Science: Botany (5).	Natural Science: Botany (5).
Intuitions (4).	Intuitions (4).
English: Early and Middle (2).	English: Early and Middle (2).
English Literature: Shakespeare and Milton (1).	English Literature: Shakespeare and Milton (1).
History: Mediæval Society (2).	History: Mediæval Society (2).
ELECTIVES —	ELECTIVES —
Math.: Integral Cal.—*Bowser* (5).	Math.: Integral Cal.—*Bowser* (5).
Latin: Terence (2). Greek: Euripides or Aristophanes (3).	Latin: Terence (2). Ger.: Deutsche Literatur-Geschichte (3).
Ger.: Grammar—*Bernhardt* Grammar—*Whitney.* (5).	Greek: Anabasis and Prose Composition (5).
French.: Gram. Continued. Causeries Avec Mes Eleves. —*Sauveur* (5).	French: Gram. Continued. Causeries Avec Mes Eleves —*Sauveur* (5).

SENIOR CLASS — FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study: N. T. Literature (1).	Bible Study: N. T. Literature (1).
Christian Evidences (3).	Christian Evidences (3).
Natural Science: Physiology and Hygiene (3).	Natural Science: Physiology and Hygiene (3).
Hist. Phil.—*Schwegler* (4).	Hist. Phil: *Schwegler* (4).
History of Civilization (2).	History of Civilization (2).
American Literature, with Readings and Criticisms (1).	American Literature, with Readings and Criticisms (1).
ELECTIVES —	ELECTIVES —
Pure Mathematics (4).	Pure Mathematics (4).
Latin: Christian Classics (3). Greek: New Testament (2).	Latin: Christian Classics (3). German: Deutsche Literatur-Geschichte (2).
Ger.: Reader and Grammar —*Whitney.* Second Ger. Book—*Worman* (4).	Greek: Anabasis and Prose Composition (4).
French: Histoire de la France—*Fleury* (4).	French: Histoire de la France —*Fleury* (4).

SENIOR CLASS — SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Christian Evidences (2).	Christian Evidences (2).
Natural Science: Zoology and Comparative Anatomy (2).	Natural Science: Zoology and Comparative Anatomy (2).
Math.: Astronomy — *Young* (3).	Math.: Astronomy — *Young* (3).
Physiological Psychology — *Ribot.* (4).	Physiological Psychology — *Ribot* (4)
Political Economy (2).	Political Economy (2).
Colonial Charters: Constitution of United States (2).	Colonial Charters: Constitution of United States (2).
ELECTIVES —	ELECTIVES —
Math.: Mechanical Theory of Light and Heat (4).	Math.: Mechanical Theory of Light and Heat (4).
Latin: Virgil — Georgics (3). / Greek: New Testament (2).	Latin: Virgil — Georgics (3). / German: Deutsche Literatur-geschichte (2).
Ger.: Reader — *Whitney.* / Conversation — *Worman.* (4).	Greek: Anabasis and New Testament (4).
French: LeCid (Corneille) or Literateur Francaise Classique (2).	French: LeCid (Corneille) or Literateur Francaise Classique (2).
Natural Science: Laboratory Work — Chemical Analysis (2).	Natural Science: Laboratory Work — Chemical Analysis (2).

SENIOR CLASS — THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Astronomy — *Young* (5).	Astronomy — *Young* (5).
Greek: N. T. (2).	Greek: N. T. (2).
Natural Science: Geology — *Dana* (5).	Natural Science: Geology — *Dana* (5).
Biology; (3).	Biology (3).
International Law (2).	International Law (2).
Political and Constitutional History of United States 1789-1861 (1).	Political and Constitutional History of United States 1789-1861 (1).
Physiological Psychology. / Motive Powers — *McCosh.* (2).	Physiological Psychology / Motive Powers — *McCosh.* (2).

BALDWIN SCHOOL.*

PREPARATORY DEPARTMENT.

JUNIOR CLASS.

FIRST TERM.

Biblical Instruction (1).†	Physical Geography — *Cornell* (3).
Arithmetic — *Fish* (4).	United States History — *Scudder* (3).
English Grammar — *Harvey* (4).	Latin: First Lessons — *Collar & Daniell* (5).

SECOND TERM.

Biblical Instruction (1).	Physical Geography — *Cornell* (3).
Arithmetic — *Fish* (4).	United States History — *Scudder* (3).
English Grammar — *Harvey* (4).	Latin: First Lessons — *Collar & Daniell* (5).

THIRD TERM.

Biblical Instruction — (1).	English: Higher Lessons — *Reed & Kellogg* (5).
Arithmetic — *Fish* (4).	Drawing — Elementary Free-hand (5)
Latin Grammar — *Harkness* } (5).	
First Lessons — *Collar & Daniell.* }	

Those entering the Junior Class in this department are supposed to be well prepared in studies of a lower grade. (See requirements for admission). After completing the work of this class, students are advanced to the Ancient Classical Course or to the Modern Classical Course, the classics in the former being Latin and Greek, and in the latter, Latin and German; in all other respects the studies are the same in both courses. By this arrangement students may choose either Greek or German, both of which are now introduced, and are carried forward throughout the curriculum.

*"The Preparatory Department of said Macalester College shall be known as the Baldwin School."— *Charter.*

†Figures in parentheses show the number of recitations per week. Each recitation forty-five minutes.

MIDDLE CLASS—FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* } (5). Nepos.	Latin: Grammar—*Harkness* } (5). Nepos.
Greek—Inductive Method (5).	German: Grammar—*Bernhardt I.* (5).
English: Higher Lessons—*Reed & Kellogg* (4).	English: Higher Lessons—*Reed & Kellogg* (4).

MIDDLE CLASS—SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* } (5). Cæsar and Prose Comp.	Latin: Grammar—*Harkness* } (5). Cæsar and Prose Comp.
Greek: Inductive Method (5).	German: Grammar—*Bernhardt I.* } (5).
English: Word Analysis—*Swinton* (4).	English: Word Analysis—*Swinton* (4).

MIDDLE CLASS—THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra—*Wells* (5).	Algebra—*Wells* (5).
Latin: Grammar—*Harkness* } (5). Cæsar and Prose Comp.	Latin: Grammar—*Harkness* } (5). Cæsar and Prose Comp.
Greek: Inductive Method (5).	German: Grammar—*Bernhardt I.* Whitney's Grammar. } (5).
English—*Chittenden* (4).	English—*Chittenden* (4).

SENIOR CLASS — FIRST TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Algebra — *Wells* (4).	Algebra — *Wells* (4).
Latin: Grammar — *Harkness*; Virgil: Æneid } (5).	Latin: Grammar — *Harkness*; Virgil: Æneid } (5).
Greek: Grammar — *Hadley*; Anabasis and Prose Comp. } (5).	German: *Bernhardt II.*; Grammar — *Whitney.* } (5).
English — *Chittenden* (2).	English — *Chittenden* (2).
History: Swinton's Outlines (2).	History: Swinton's Outlines (2).
Physiology and Hygiene (1).	Physiology and Hygiene (1).

SENIOR CLASS — SECOND TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Geometry — *Wentworth.* (5).	Geometry — *Wentworth* (5).
Latin: Grammar — *Harkness*; Virgil: Æneid } (5).	Latin: Grammar — *Harkness*; Virgil: Æneid } (5).
Greek: Grammar — *Hadley*; Anabasis and Prose Comp. } (5).	German: *Bernhardt II.*; Grammar — *Whitney* } (5.)
English: *Chittenden* (2).	English — *Chittenden* (2).
History: Swinton's Outlines (2).	History: Swinton's Outlines (2).

SENIOR CLASS — THIRD TERM.

ANCIENT CLASSICAL.	MODERN CLASSICAL.
Bible Study (1).	Bible Study (1).
Geometry — *Wentworth* (4).	Geometry — *Wentworth* (4).
Latin: Grammar — *Harkness*; Cicero — Orations; Prose Composition } (5).	Latin: Grammar — *Harkness*; Cicero — Orations. Prose Composition } (5).
Greek: N. T. and Prose Comp. (5).	German: *Bernhardt II.*; Grammar — *Whitney* } (5).
Elementary Civics (2).	Elementary Civics (2).
History: Swinton's Outlines (2).	History: Swinton's Outlines (2).

COURSES OF STUDY.

The departments of study herewith presented are the Preparatory and the Collegiate. Thirty-six weeks, exclusive of vacations, constitute a year's study.

I. The Preparatory Department covers a period of three years, and is arranged to meet all requirements of thorough preparation for either of the Collegiate Courses. There are introduced at the beginning of the Middle Preparatory two courses: the Ancient Classical and the Modern Classical. German in the Modern Classical is made the equivalent of Greek in the Ancient Classical. These courses run parallel throughout the curriculum, and furnish attractive and rare opportunities for proficiency in their prescribed studies.

Students are admitted to this department and assigned to such classes as their examinations determine; and all students in this department are under the special oversight of the Faculty, with the view of helping them to fixed habits of study, and of securing their greater proficiency in the branches studied. Those completing the studies of this department pass regularly and without examination into the Collegiate Department.

II. The Collegiate Department, like the Middle and Senior Preparatory, is divided into the Ancient Classical and Modern Classical. These courses are maintained until the close of the second term of the Senior year. No variation either from the Ancient Classical or Modern Classical, is permitted during the Freshman and Sophomore years. In the Junior, and first and second terms of the Senior year, the electives are as follows: Mathematics, Greek, Latin, German, French, and Laboratory work. Election of the desired course being made at the beginning of the Junior year, the student must pursue the studies of that course without change.

No class in Elective Studies will be formed with less than four members.

The following distinctive features of the prescribed course are worthy of note:

1. Students in the Ancient and Modern Classical courses have the same advantages in Mathematics, in the Sciences, in History, and in English.

2. The Bible and English (including Anglo-Saxon) are made prominent features throughout the course.

3. Natural Science is introduced in the Freshman year, and continues throughout the course.

4. Mental Science is introduced in the third term of the Sophomore year, in which a careful general view of the science is given, as needful preparation for the thorough mastery of the subject in succeeding terms.

5. The last term of the Senior year is devoted almost exclusively to Sciences, Literature and Philosophy.

III. Arrangements are being made to give instruction in the Scandinavian language to Scandinavian students who may desire such instruction in addition to either of the foregoing courses of study.

REQUIREMENTS FOR ADMISSION.

1. Testimonials of good moral character are required of all students at their entrance into either department of the College.

2. *Applicants for the Junior Preparatory* are required to pass an examination in Orthography, Descriptive Geography, Arithmetic to Compound Numbers, and elements of English Grammar.

3. *Applicants for the Freshman* are required to pass an examination as follows:

MATHEMATICS.—Arithmetic completed, Algebra to Quadratics, and Geometry (four books).

ENGLISH.—Grammatical Analysis, Word Analysis, and Elements of Rhetoric.

HISTORY.—United States' History, General History, (Swinton's, Anderson's, or their equivalents).

PHYSICAL GEOGRAPHY.—Cornell's, or its equivalent.

LATIN.—Three books of Cæsar, four Lives of Nepos, four books of Virgil, and three Orations of Cicero, or their equivalents.

4. In addition to the above, applicants for the Ancient Classical are required to pass an examination in Greek, as follows:

Lessons, three books of Anabasis, twenty lessons of Jones' Prose, or their equivalents.

Applicants for the Modern Classical are required to pass an examination in German, as follows:

German Grammar and Whitney's or Adler's Reader.

5. Applicants for more advanced classes are required to pass an examination in the studies, or their equivalents, of the lower classes.

6. Applicants deficient in some studies will be given opportunity to make up what will secure full class standing.

7. Due consideration will be given to the certificates of grades and diplomas brought by students from High Schools, Normal Schools and Academies.

PARTICULAR DESCRIPTION.

RELIGIOUS INSTRUCTION, APOLOGETICS AND ETHICS.

THE PRESIDENT.

The Gospel Narrative and History constitutes the scope of Biblical Instruction in the Preparatory Course, from the beginning to the first term of the Senior year. An analysis of the Gospel History is now introduced and limited to the Senior Preparatory.

In the first term of the Junior Collegiate year Christian Ethics is begun and continued through the second term. The textual study of the subject is supplemented with lectures.

The first and second terms of the Senior year are devoted to Christian Evidences. By critical study of the text-book, by lectures on particular evidences and by historic review, the stability and growth of the Christian system are shown in contrast with the corruption and decay of false systems of religion. Special attention is given to the harmony of Science and Religion.

HISTORY, ENGLISH LITERATURE AND POLITICAL SCIENCE.

PROFESSOR NEILL.

Prominence is given to historical and economic topics with such knowledge of English Literature as will lay the foundation for a broad culture. While text-books are not altogether discarded, the student is taught, as in Harvard and the University of Michigan, chiefly by lectures, the required preparation and examination of note-books and the writting of theses on assigned topics. During the Senior year particularly attention is given to Constitutional History, and the decisions of the United States' Supreme Court since the last amendments to the Constitution.

ENGLISH.

Professors Pearson and Wallace.

The study of Rhetoric continues through the Freshman and Sophomore years. The constant aim is to give facility in writing and speaking, and to encourage students in a critical study of the English classics. In connection with the Art of Discourse essays are required each week. The criticism of essays forms a special feature, with a double view of leading students into the use of good English as well as into habits of careful, intelligent thinking. The first and second terms of the Junior year are then given to Anglo-Saxon in which selections from the Gospels, Cædmon and Beowulf, are critically read after the same method as that employed in the study of Latin and Greek. Attention is constantly directed to the contributions Anglo-Saxon has made to our own tongue, in words, phrases, idioms, syntax, etc. Following this, one term is devoted to a general view of Early and Middle English, with critical study of selections from Layamon, Ormin, and other authors. This prepares for the course in English Literature described elsewhere.

MENTAL SCIENCE AND LOGIC.

Professor Kirkwood.

Study in this department begins with the third term of the Sophomore and continues to the end of the Senior year.

The subjects studied are the Cognitive and Motive Powers, Formal Logic, the Intuitions, the History of Philosophy and Physiological Psychology. In the study of the Cognitive and Motive Powers, due regard is paid to the Physiological element, though the special study of that element and the theories of Wundt, Fechner and others is reserved to a later period in the course.

The aim throughout is to enable the student to acquire skill in observing and analysing his own mental operations and their relations to the physical system, together with a fair understanding of the laws which govern them, and as full knowledge of the doctrine of Intuitions and of the growth and characteristics of the various systems of Philosophy, Ancient and Modern, as the time at command will permit.

DEPARTMENT OF NATURAL SCIENCE.

Professor Forbes.

Physics is studied during the Sophomore year. The instruction is gained from text-books and lectures. The collection of Philosophical apparatus is new and of the most approved kind. It has

been carefully selected for the purpose of experimentally illustrating the fundamental principles of Mechanics, Hydrostatics, Hydraulics, Pneumatics, Acoustics, Heat, Light, Magnetism and Electricity. The Physical Laboratory is large and conveniently arranged; and all students, who desire, have opportunity afforded them for laboratory work, thereby enabling them to become familiar with the use and manipulation of the apparatus.

CHEMISTRY is taught in the Junior year. The first term is devoted to the general study of the subject. Special attention is given to the history of the science, the specific properties of the non-metallic and the metallic elements, the subject of chemical affinity, nomenclature, the use of chemical symbols, atomic weight and quantivalence. The collection of chemical apparatus is well adapted for the experimental illustration of the subject, and facilities are afforded the students for laboratory work.

QUALITATIVE CHEMICAL ANALYSIS. The second term of the Junior year is devoted to this subject. Our chemical laboratory is specially arranged for this work, being fitted up with modern appliances. A set of re-agents and all needful utensils are supplied to each table.

The students are required to keep carefully prepared notes of the details of their laboratory work.

In connection with the chemical laboratory there are conveniently arranged dark rooms for work in Photography; and in the main college building there is a sky-light for photographic exposures.

PHYSIOLOGY AND HYGIENE are taught specially with reference to their practical bearing.

In the Preparatory Department, the instruction has particularly in view the deleterious influences resulting from the habitual use of stimulants and narcotics. In the College Department, Physiology is studied from a scientific standpoint, and in this connection the subject of *Sanitary Science* receives particular attention.

BOTANY, ZOOLOGY AND GEOLOGY. In these studies laboratory and field work are pursued as far as practicable. In *Botany* the text-book is used as a guide. Students are expected to make collections of typical plants illustrative of its teachings. They will also be taught to mount and classify plants for the Herbarium. In *Zoology* a similar course is pursued. The study of specimens in hand and the dissection of typical forms are made a feature of the work. In *Geology* the text-book is supplemented with field work for the collection and classification of minerals, rocks and fossils.

In these branches of study the students are taught the use of the compound microscope and the preparation of objects for the same.

The instruction in the department of science is concluded by a course of lectures on the general subject of *Biology*.

Early in the course the students are taught *Free-hand* and *Perspective Drawing*, and encouraged to make use of this knowledge in their scientific work and investigations.

LATIN LANGUAGE AND LITERATURE.

Professor Pearson.

Throughout the early years of the course, analysis and synthesis, both of words and sentences, are considered indispensable. Special emphasis is put upon the Etymology and Syntax of the language that the student may acquire facility in translating accurately and fluently into idiomatic English. In connection with the poets, Prosody is made prominent. Throughout the course such readings, dissertations and essays are required as will lead students into a careful study of the Literature and History of the Roman people, emphasis being placed upon the manners and customs, political and intellectual development, as well as their relations to other historic nations and times. Reference is had constantly to the studies that are pursued simultaneously that the work may be as nearly unified as possible.

GREEK LANGUAGE AND LITERATURE.

Professor Wallace.

Greek is a cardinal feature of the Ancient Classical Course. The general aim is to study critically some of the masterpieces in each of the great departments of Greek Literature:—History, Oratory, Philosophy and Poetry.

During the first two years (middle and senior preparatory) there is a recitation daily after this method. An earnest effort is made to master the Anabasis special attention being given to the acquisition of a large vocabulary. Then follows in the Freshman year the Dialogues of Lucian, prose composition and sight-reading in the Gospels.

Three terms are then given to Ionic Greek—Homer and Herodotus—in connection with which the habits, customs, political and religious ideas of the early Greeks are carefully noted. In the study of oratory, besides the attention ordinarily given to Demosthenes, at least one oration of Lysias and one of Isocrates is critically

read in the original, or in English, and a general view of the development of Greek oratory is presented. The same plan is pursued in the study of the philosophical writers and the poets.

As most of those who elect Greek have the ministry in view, the Senior year is devoted largely to the Greek Testament, the aim being to read carefully all of St. Paul's Epistles.

To give the student some acquaintance with Greek as now spoken and written, a few recitations are devoted to sight reading in newspapers of current date, published in Athens.

The Hadley-Allen grammar is used for drill, and constant reference is made to Goodwin.

Throughout the course, collateral reading in the histories of Cox, Smith, Grote, Curtius, and other standard authors, is prescribed.

GERMAN LANGUAGE AND LITERATURE.

German is the distinguishing feature of the Modern Clasical Course and runs parallel with the Greek of the Ancient Classical. The aim is to master the language both as spoken and written, and to attain a good measure of familiarity with German Literature. Accordingly, to the careful study of German and the reading of German Classics is added a thorough course in conversational exercises.

In the first years the grammar is completed. The next years are given to reading Grimm's Fairy Tales and Prose Composition. Then follows the critical study of the classic authors, Lessing, Schiller and Gœthe. The course closes with a general survey, by means of text-book and lectures, of the entire field of German Literature.

FRENCH LANGUAGE AND LITERATURE.

French is introduced as an elective in both the Ancient and the Modern Classical courses at the beginning of the Junior year. As students have then made large attainments in Latin, it is believed that much facility in reading and even in speaking the French language may be attained in the time allotted to it. The method of study is the same as that pursued with the German—a combination of the natural or conversational with the scientific.

BIBLICAL HISTORY AND LITERATURE.

The Bible has been given a central place in the College Curriculum. It is deemed by the founders of the College the most instructive book to be found in the whole range of literature, in biography, in

history, in widely varied passages of unrivaled literary beauty, both in poetry and in prose, in the revelation of a perfect Law and a perfect Gospel, of a perfect Law-Giver and a perfect Saviour, in the culture of a manly character and a noble life. It will be the aim of this department to aid the students in understanding and appreciating the manifold excellences that have secured for the Bible the title of "THE BOOK."

MATHEMATICS.

PROFESSOR BOYD.

Preparatory Department:

(A.) In the Junior Preparatory, there are four exercises a week during the year in Arithmetic.

(B.) The Middle Preparatory, taking up Wells' University Algebra, have five exercises a week throughout the year, completing Radicals.

(C.) Beginning with Quadratic Equations, the Senior Preparatory Class recites four times a week during the first term, completing to theory of Equations. During the second and third term the class recites four times each week in Wentworth's Revised Geometry, completing the first six books.

The Collegiate Department:

(A.) During the first term in the Freshman year, the class have five exercises a week, completing Plane and Solid Geometry. Accompanying the text-book work many exercises in Mensuration are required of the class. Algebra is completed in the second term. The class recites five times a week. The text-book work is supplemented with lectures on the Theory of Numbers. During the third term there are four exercises a week in Plane Trigonometry.

(B.) In the Sophomore year during the first term there are four exercises a week in Spherical Trigonometry. The second term is occupied by the study of Analytical Geometry, the class reciting four times a week. During the third term the studies are Surveying and Navigation, which together recite three times a week. Field work in Surveying is required of the class.

(C.) During the Junior Year five lessons a week are given to Analytical Geometry and the Calculus. Mathematics is elective and the studies for the first and second terms are Analytical Geometry and Differential Calculus; for the third term Integral Calculus. Newcomb's Analytical Geometry and Bowser's Calculus are used.

(D.) The elective in Junior Year runs through the first and second term of Senior Year, reciting four times a week. For the first term the elective study is Mechanics; for the second the Mechanical theory of Light, Heat and Magnetism.

YOUNG'S GENERAL ASTRONOMY.

Is a required study during the second and third terms. The subject occupies three hours a week in the second term, and four hours in the third term.

In this department an effort is made to avoid *routine* work as much as possible by giving original exercises to which the student is to apply the principles he has already learned.

OPTIONAL COURSE.

An optional course of one or two hours a week during the next year will be given, a plan only partially accomplished this year. The object of this optional is to broaden the students' ideas of the mathematical world by giving a general and complete discussion of the Theory of Numbers, and by introducing as many as possible of the modern ideas recently discovered.

In the Theory of Numbers the right of the positive Integer, negative Integer, Fraction, Irrational and Complex Numbers $(a+ib)$ to constitute the family of numbers is established, and the Fundamental laws governing the Fundamental operations ordinarily performed on these numbers are developed. Also the general proof that *every Algebraic Equation has a root*, a theorem the truth of which is assumed in all common algebras.

GENERAL INFORMATION.

LOCATION.

Macalester College is located midway between the business centers of the cities of Minneapolis and St. Paul, and within one and a half miles of Merriam Park. The Chicago, Milwaukee and St. Paul Railway passes within three-quarters of a mile of the College building. The location is beautiful and commanding. Minneapolis is in full view from the College grounds, and a short walk to the east of the College grounds brings St. Paul into view. On the east of the College is Snelling avenue, on the north is Summit avenue, or the completed *boulevard*, two hundred feet in width, from Minneapolis to St. Paul. Being about five miles from the business centers of the Twin Cities, it is, by the cars, a ten minutes ride to either. There are no saloons or other temptations to immoral habits present. All of the advantages of the city are had, without any of the disadvantages. The healthfulness of the climate is unsurpassed.

ACCESS.

Access to it is had by means of the Chicago, Milwaukee and St. Paul Railway. The trains stop at Macalester Station, the point where Snelling avenue intersects the railroad. An electric motor runs near the College, from St. Paul to the Mississippi river.

Special rates of travel on the C. M. and St. P. Ry., are furnished students from either city. These allow students to board at home and easily avail themselves of superior advantages for a thorough collegiate education.

CHARACTER.

The character of the College is religious, under Presbyterian control. It aims at *Higher Christian Education*, theoretical and practical. The cardinal doctrines of the Christian religion will be firmly maintained, but denominational preferences will not be interfered with. We accept the trust of young men committed to our care, and will carefully guide them in paths of literature, science and religion, and guard them against any habit not in keeping with the highest standard of manly character and moral excellence; and, with Divine help, we will seek to realize our aim in thoroughly educated Christian young men.

HOME.

Students will find a home in the Dormitory, and social advantages in the families of the Faculty.

The Dormitory contains twenty double rooms, each designed to accommodate two students. They are heated with steam, and are furnished with ample and substantial furniture.

The general management of the Dormitory belongs to the Board of Trustees, and its government and discipline belong to the Faculty. The boarding is under the direction of the Matron, who, with suitable help provides good boarding at rates as near to actual cost as can be ascertained.

GOVERNMENT.

Students are expected to deport themselves as gentlemen, and conform to the prescribed rules of government. Diligence in the hours designated for study is required. Abundant facilities for wholesome exercise and recreation are given. No student is permitted to waste his time and money in habits of indolence and prodigality.

Students in the Collegiate Department are permitted to visit either city on the holiday of each week. Visitations of the cities at night and going to or returning from the cities on the Lord's Day must be by permission of the Faculty.

Students in the Preparatory Department are required to obtain permission from the Faculty before leaving Macalester for Merriam Park, or either of the cities.

SPECIAL REGULATION. *The use of tobacco is discouraged, and is prohibited in and about the College Buildings.*

RELIGIOUS SERVICES.

Devotional services begin the college work of each day, at which all the students are required to be present.

Public worship is held every Sabbath morning, followed by a Bible lesson in classes, attendance upon which is expected of all students except those boarding at home, and those excused by written request of parents or guardians to worship elsewhere.

There is an active and flourishing branch of the College Y. M. C. A. which has proved to be an agency of great spiritual power among the students. Its meetings are held every Sabbath evening, and the College prayer meeting is held every Wednesday evening, to both of which all are invited.

LITERARY SOCIETIES.

Three Literary Societies are in successful operation. These are the *Hyperion*, the *Academian* and the *Parthenon*. The *Hyperion* is for the College classes whose students are required to unite with it for improvement in literary exercises. The other societies are for Preparatory students, and it is expected that they will become connected with them, and faithfully improve the advantages they afford.

LIBRARY.

During the past year about 900 volumes in art, science and literature were added to the library, making the aggregate number of volumes about 5,000. Valuable additions are constantly made to these as rapidly as possible. For the increase of the library, contributions in books and money are solicited. "Each person giving five hundred or more books shall have his name attached to one of the alcoves."

Mr. James J. Hill, of St. Paul, has given five thousand dollars for a Reference Library, on condition that a fire-proof building within three years is erected, and that the library under proper regulations is open to all investigators.

READING ROOM.

To provide increased facilities for the growing demands of the College, the Board of Trustees has erected the main building of the College, in which provision is made for ten large class-rooms, and

additional rooms for a museum and for literary societies. The basement of this building is equipped for a gymnasium, where sufficient opportunities are given for needed exercise, under a competent instructor. The west wing as exhibited in the cut is yet to be erected.

MAIN BUILDING AND GYMNASIUM.

A commodious Reading Room has been fitted up and liberally supplied with good reading matter. The following papers and magazines are on file: Pioneer Press, Globe, Minneapolis Tribune, Harpers' Weekly, Public Opinion, Journal of Education, Literary News, New York Independent, Scientific American, Northwestern Presbyterian, Interior, Herald and Presbyter, Presbyterian, Presbyterian Journal, Evangelist, Presbyterian Banner, North American, Forum, Scribner's, Harper's Monthly, Popular Science Monthly, Atlantic Monthly, Andover Review, Missionary Review, New Englander, Christian Thought, Eclectic, O. T. Student, Education, Our Day, Nineteenth Century, Contemporary Review.

Besides liberal contributions made by the professors and by friends living in the vicinity of the College, a considerable sum was realized from the following course of lectures:

Henry L. Moss, Esq., "The Moor in History;" Rev. David J. Burrell, D. D., "Thinkers of To-Day;" Rev. Robert F. Maclaren, "Ireland;" Rev. John B. Donaldson, D. D., "Washington Irving;" Judge E. Torrance, "Pennsylvania Reserves;" Rev. John A. Stemen, "Life's Visions and Tasks;" Rev. Robert M. Donaldson, "The Mission of Music;" Prof. James Wallace, "From Sunium to Parnassus."

TEXT-BOOKS.

Arrangements are made whereby text-books and stationery are furnished to students at reasonable rates.

EXAMINATION.

Written examinations are held at the close of each term, and the class standing of each student is fixed according to his grades in the branches studied. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian.

THE RANKING SYSTEM.

I. Duties of Instructors.—Each Professor, after computing from recitations and examinations the grades of his classes, shall report them to the registrar, and also the rank of each student as determined by the following plan:

(*a*) Each class in REQUIRED studies shall be divided by the instructor into four classes or groups, numbered in order of merit.

Group I shall contain not less than one-tenth and not more than one-third.

Group II shall contain not less than one-seventh and not more than one-half.

Group III shall contain not less than one-sixth and not more than one-half.

Group IV shall contain the remainder of the class, except those not fully examined.

(*b*) Each instructor of an elective class shall report to the registrar in which of the above-mentioned groups the members of his class shall be ranked, having regard to the proportions of the several groups into which the entire required class is divided.

II. DUTIES OF THE REGISTRAR. — (*a*) The registrar shall compute the general group-number of each student by combining his group number in the general studies in proportion to the schedule time of the respective studies. (*b*) The First General group shall include those students whose average does not exceed 1.5. The Second General group shall contain those whose average exceeds 1.5, but does not exceed 2.6.

Those whose average exceeds 2.7, but does not exceed 3.6 shall constitute the Third General group. The Fourth General group shall include all those whose average exceeds 3.6, except those not fully examined.

III. REPORTS. — The report shall state:

(1) The General Group names of the students.

(2) His group numbers in each study.

(3) Disorder marks, and both excused and unexcused absences.

The report shall also include an explanation of the significance of the group numbers.

NOTE.—Standing: The First Group indicates very high standing; the Second Group indicates high standing; the Third Group indicates medium standing; the Fourth Group indicates very low.

IV. RANKING AND HONORS OF THE GRADUATING CLASS. — (*a*) The final rank of members of the graduating class shall be determined by combining the averages for the Sophomore, Junior and Senior years, provided that the student's grade for the Sophomore year shall not be prejudicial to his standing in competition with students entering Junior years. (*b*) A student entering Junior year, and completing the Junior and Senior years shall be

allowed to compete for honors. (*c*) The First Group thus determined shall be THE HONOR GROUP. The names to be printed in alphabetical order.

V. HONORARY ORATIONS.—Honorary orations shall be awarded by a vote of the Faculty, taken by ballot, and the basis of choice shall be the special excellence of the student in any department of study.

NOTE.—A professor in grouping his class, in case he finds fractions, when seeking the limits of any given group, shall count a fraction greater than a half equal to a unit.

DEGREES.

Graduates from either of the Collegiate Courses receive the degree of A. B.

EXPENSES.

Boarding in the Dormitory is *three dollars per week.*

Rooms in the Dormitory are furnished with bedsteads, wire beds, mattresses, pillows, bureau, wash-stand, table, chairs, book case, heat and light, *at fifty cents per week* per student. Washing in the laundry fifty cents per dozen pieces. A Laboratory fee of *five dollars* is charged to students for materials used by them in Laboratory work.

BEDCLOTHING.—Students entering the Dormitory will provide themselves with all articles of Bedclothing except pillows and bolsters.

Boarding in private families from four to four and one-half dollars per week.

RATES OF TUITION.—All candidates for the ministry have tuition provided for them, according to the action of the Board of Trustees, which requires:

(A.) That candidates for the ministry shall be under the care of Presbyteries, or shall have their purpose to enter the ministry certified to by their pastors and Church Sessions.

(B.) That such students shall execute and give to the Treasurer of the Board of Trustees an obligation to refund the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(C.) That free tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

Tuition in the Preparatory Department	.....	$10	per	term.
Incidental fee " "	.....	3	"	"
Tuition in the Collegiate "	.....	15	"	"
Incidental fee " "	.....	3	"	"
Graduating fee " "	.....	10	"	"

SUMMARY OF EXPENSES.

	Term.
First term, 14 weeks, Preparatory Department, washing estimated at $7	$69
Second term, 12 weeks, Preparatory Department, washing estimated at $6	61
Third term, 10 weeks, Preparatory Department, washing estimated at $5	53
For the Preparatory year	$183
	Term.
First term, 14 weeks, Collegiate Department, washing estimated at $7	$74
Second term, 12 weeks, Collegiate Department, washing estimated at $6	66
Third term, 10 weeks, Collegiate Department, washing estimated at $5	58
For Collegiate year	$198

Tuition and incidental fees must be paid in advance or arranged for with the treasurer, before students are admitted to their classes. Board and washing to be paid weekly. No extra charges, except for chemicals and breakage of working material in the Laboratory, for damage done to the furniture or to the building, for tutoring in preparation for regular class standing, and for special services in case of sickness. Students in the Dormitory are charged two dollars per term as a guarantee against damages to their rooms. The surplus, if any exists, is refunded to the students.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of students sent out at close of each term; (3) to co-operate heartily with the Faculty in enforcing the regulation in regard to visiting the cities.

CALENDAR.

1890.—September 16, Tuesday, Entrance Examinations.
September 17, Wednesday, Fall Term begins.
December 24, Wednesday, Fall Term ends.
Two weeks of vacation.

1891.—January 7, Thursday, Winter Term begins.
April 1, Wednesday, Winter Term ends.
One week of vacation.

April 8, Wednesday, Spring Term begins.
June 14, Sabbath 3 P. M., Baccalaureate Sermon.
June 14, Sabbath, 8 P. M., Sermon to the College Y. M. C. A.
June 15, Monday 10 A. M., Field Day.
June 15, Monday 8 P. M., Senior Address.
June 16, Tuesday 2:30 P. M., Class Day.
June 16, Tuesday 8 P. M., Hyperion Literary Entertainment.
June 17, Wednesday, 9:30 A. M., Annual Commencement.
Thirteen weeks of vacation.

SCHOLARSHIPS.

Mrs. Sarah E. Oliver, Minneapolis, Minn.....$5,000 00
Geo. D. Dayton, Esq., Worthington, Minn..... 1,000 00
P. E. Crissey, Esq., St. Paul, Minn..... 1,000 00

Scholarships are solicited in amounts ranging from one to five thousand dollars to be invested as Permanent Funds whose proceeds shall be used, if necessary, in providing free tuition to young men having the ministry in view.

For Catalogue and other information, address the President at Macalester College, St. Paul, Minnesota.

Bequests to the College should be made to "The Trustees of Macalester College,"—the corporate name of the College.

1901-1904
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Macalester College Catalogue

1900-1901

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

In the Spring of 1883 . . . .

Before the Minnesota Loan and Investment Company was organized, GEO. D. DAYTON received word that a certain gentleman in New York City had deposited his "all," some thousands of dollars, to the credit of said Dayton, simply asking him to do the best he could with it. A few years later the owner of the money died, leaving everything to his widow. She at once turned everything over to the Minnesota Loan and Investment Company to take care of for her, adding several thousand dollars received from her father. Three or four years ago she died, leaving everything to her only son, who in turn asked the Minnesota Loan and Investment Company to take charge of the entire amount for him. At his request we have just arranged investments for each of his four children to run ten years. When these investments mature, we will have had charge of the funds for 28 years, and have served three generations.

FIVE PER CENT. BONDS AT PAR.

In amounts to suit investors, from $200 up.

Interest payable semi-annually by draft on New York.

Choice real estate loans in a section that has never known a crop failure.

Send Drafts on New York, Boston, Philadelphia or Chicago.

Minnesota Loan & Investment Company,

Capital, $100,000.00. Surplus, $100,000.00.

GEORGE D. DAYTON, President,

Worthington, Nobles County, Minnesota.

Interest always paid when due No investor ever has to wait a day for his interest

MACALESTER COLLEGE.

SIXTEENTH ANNUAL

CATALOGUE

OF

Macalester College

AND

Classical Academy

1900-1901

SAINT PAUL, MINN

St. Paul, Minn.
WEBB PUBLISHING CO.
1901.

Table of Contents

Academy 63
Administration 17
Alunmni Association 86
Art 58
Athletics 21
Board of Trustees 4
Boarding 73
Books and Stationery.....23
Buildings 11
Business Department 71
Calendar 3
Commercial Studies 71
Curriculum Collegiate 29
Academic 65
Deficiencies 26
Degrees 23
Dormitory 13
Drawing 58
Elocution 56
Examinations 22
Expenses 73
Faculty 4-63
General Information 11
Gymnasium 15
Halls: Edwards 14
Dormitory 13
Eutrophian 15
The Elms 13
Historical Sketch 8
Laboratories 15
Ladies' Accommdations 13
Library 16
Location of College.....11
Music 51
Oratorical Association 21
Pedagogy 47
Physical Culture 21
Prize, Oratorical 21
Reading Room 16
Religious Culture 18
Reports 22
Requisites for Admission...26
Self-Support 23
Societies 20
Summer School 58
Text-Books—College 61
Academic 72
Tuition 73
Typewriting 71
Woman's Auxiliary 77
Y. M. C. A.....19
Y. W. C. A.....20

College Calendar.

1901

Spring Term opens	March 26, Tuesday, 10:00 A. M.
Senior Vacation begins	May 11, Saturday.
Decoration Day	May 30, Thursday.
Commencement of Academy	May 31, Friday, 8:00 P. M.
Alumni Sermon by Rev. Archibald Cardle, Slayton, Minn.	June 2, Sunday, 10:30 A. M.
Baccalaureate Sermon	June 2, Sunday, 3:00 P. M.
Annual Address before the Y. M. and Y. W. C. A.	June 2, Sunday, 8:00 P. M.
Field Day	June 3, Monday, 9:30 A. M.
Class Evening	June 3, Monday, 8:00 P. M.
Annual Meeting of the Board of Trustees in the President's Room	June 4, Tuesday, 10:30 A. M.
Business Meeting of Alumni Association	June 4, Tuesday, 4:00 P. M.
Alumni Banquet	June 4, Tuesday, 5:30 P. M.
Graduating Exercises of the Music Department	June 4, Tuesday, 8:00 P. M.
Twelfth Annual Commencement	June 5, Wednesday, 10:00 A. M.
Luncheon in the Gymnasium	June 5, Wednesday, 12:30 P. M.
Entrance Examinations	Sept. 10, Tuesday, 10:00 A. M.
Fall Term opens with a Lecture in the College Chapel	Sept. 11, Wednesday, 10:30 A. M.
Thanksgiving Recess	Nov. 28, Thursday.
Fall Term ends	Dec. 20, Friday, 12:00 M.

1902

Winter Term begins. Lecture	Jan. 8, Wednesday, 10:30 A. M.
Day of Prayer for Colleges	Jan. 30, Thursday.
Washington's Birthday	Feb. 22, Saturday.
Winter Term ends	March 28, Thursday, 12:00 M.
Spring Term begins	April 1, Tuesday, 10:30 A. M.

Board of Trustees.

Rev. R. L. Barackman,	Marshall, Minn.
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Rev. Henry Schlosser,	St. Peter, Minn.
Edward A. Webb,	St. Paul, Minn.
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Terms expire June, 1901.

Rev. C. T Burnley,	Hudson, Wis.
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R. C. Jefferson,	St. Paul, Minn.
R. A. Kirk,	St. Paul, Minn.
Charles E. MacKean,	St. Paul, Minn.

Terms expire June, 1902.

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Rev. John E. Bushnell, D. D.,	Minneapolis, Minn.
B. S. Cook,	Owatonna, Minn.
Rev. Geo. W. Davis, Ph. D.,	Mankato, Minn.
J. A. Gordon,	Minneapolis, Minn.
Rev. Murdock McLeod,	Merriam Park, Minn.
Rev. A. B. Meldrum, D. D.,	St. Paul, Minn.
Henry L. Moss,	St. Paul, Minn.
James Wallace, ex-officio,	St. Paul, Minn.

Terms expire June, 1903.

Honorary Members.

Henry J. Horn,	St. Paul, Minn.
Hon. Alexander Ramsey,	St. Paul, Minn.

Officers of the Board.

Thos. Shaw,	President.
R. A. Kirk,	Vice-President.
B. F. Wright,	Secretary.
C. E. MacKean,	Treasurer.

COMMITTEES OF THE BOARD.

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C. T. BURNLEY.

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SYNODICAL VISITORS.

Synod of Minnesota.

REV. R. A. MONTGOMERY, - - Presbytery, Duluth.
REV. F. J. BARACKMAN, - - - Presbytery, Mankato.
REV. C. H. CURTIS, - - - Presbytery, Minneapolis.
REV. O. P. RIDER, - - - Presbytery, Red River.
REV. C. HARMON JOHNSON, - - Presbytery, St. Cloud.
REV. M. R. PARADIS, - - - Presbytery, St. Paul.
REV. J. RUSSELL JONES, - - - Presbytery, Winona.

Synod of North Dakota.

REV. EDGAR WILLIS DAY, - - - - Fargo, N. D.

College Faculty.

JAMES WALLACE, PH. D., PRESIDENT,
Greek Literature, Political Economy.

EDWARD COLLINS DOWNING, A. M.,
Latin Language and Literature.

ANDREW WORK ANDERSON, A. M.,
Mental Science, Logic and Philosophy.

REV. GEO. WILLIAM DAVIS, PH. D., DEAN, [1]
Biblical Studies, Hebrew, Sociology.

NEWTON KINGERY, A. B.,
Natural Sciences.

MRS. JULIA M. JOHNSON, A. M.,
DEAN OF THE WOMAN'S DEPARTMENT.
Rhetoric, English Literature and Old English

JOHN PORTER HALL, A. B.,
Greek Language and Greek History.

REV. HENRY D. FUNK,
German Language and Literature.

REV. W. J. JOHNSON,
Field Secretary, Pedagogics.

MISS ESTELLE FENNO, A. B.,
Assistant in Mathematics.

HARRY E. PHILLIPS,
Piano and Voice Culture.

MISS GRACE B. WHITRIDGE.
Elocution.

MISS MARY KENNEDY,
Art.

ARTHUR O. BERGH.
Stringed Instruments, and Orchestra.

ANNA M. DICKSON,
Librarian.

REV. D. L. KIEHLE, PH. D.,
Course of Lectures on Pedagogy.

1 Abroad on leave of absence.

OFFICERS AND COMMITTEES OF THE FACULTY.

Secretary.

EDWARD C. DOWNING.

Registrar.

NEWTON KINGERY.

On Buildings and Dormitory.

JAMES WALLACE. W. J. JOHNSON. JOHN P. HALL.

On Rules and Discipline.

JAMES WALLACE. JULIA M. JOHNSON. E. C. DOWNING.

On Gymnasium and Athletics.

NEWTON KINGERY. JOHN P. HALL. GRACE B. WHITRIDGE

On Public Exercises.

EDWARD C. DOWNING. HARRY E. PHILLIPS
JULIA M. JOHNSON. GRACE B. WHITRIDGE

Catalogue and Curriculum.

JAMES WALLACE. ANDREW W. ANDERSON
HENRY D. FUNK. ESTELLE FENNO.

On Publications.

EDWARD C. DOWNING. NEWTON KINGERY. L. E. WHITNEY.

On Library.

ANDREW W. ANDERSON. JULIA M. JOHNSON. L. E. WHITNEY.

On Reading-Room.

JOHN P. HALL. H. D. FUNK. ESTELLE FENNO.

Other Officials.

MATRON OF EDWARDS HALL - - - - - MISS H. J. MOORE.
MATRON OF EUTROPHIAN HALL - - - - MRS. H. J. ELLIOT.
MATRON OF THE ELMS - - - - - MRS. MARY CAMPBELL
ENGINEER AND JANITOR - - - - - - - - A. W. FISHER.
ASSISTANT ENGINEER - - - - - - - - - R. S. NUTT.

Historical Sketch.

Macalester College is the outgrowth of the Baldwin school of St. Paul, projected by Rev. Edward D. Neill as far back as 1853, and of a similar institution opened in 1873 by the same gentleman in Minneapolis, near the Falls of St. Anthony. The former school received its name from Matthew W. Baldwin, of Philadelphia, a liberal contributor to its founding and support. The latter received its name from Charles Macalester, also of Philadelphia, who donated for its use a valuable property once known as the Winslow House, and located near the present Exposition building of Minneapolis. The institution, springing from the union of these two schools, was moved to its present site and opened in 1885.

Rev. Dr. Neill, the founder of the college, born in Philadelphia in 1823, graduated from Amherst in 1842, after completing his theological studies under Rev. Albert Barnes, came west, and in 1849, commissioned by the presbytery of Galena, Ill., he came to St. Paul as a missionary to the whites. Thereafter until his death (except during the civil war) he devoted his time about

equally to the work of the Christian minister and to that of an educator. He was the first territorial superintendent of public instruction and the first chancellor of the state university. He is the author of Neill's History of Minnesota that has gone through several editions, and also of two volumes of valuable historical monographs. He died Sept. 26, 1893.

Next to Dr. Neill, in point of disinterested service for the college, stands Rev. Daniel Rice, D. D. Educated at Amherst College and at Andover Seminary, after long and useful service in Ohio and Indiana, he came to Minnesota in 1875. The late years of his life (1879-1889) he devoted wholly and gratuitously to the upbuilding of this institution of which he was an honored trustee and professor.

Others most actively interested in the establishment of Macalester College were William C. Baker, Richard Chute, W. W. McNair, John S. Pillsbury, Judge C. E. Vanderburgh, Rev. J. C. Whitney, Hon. Eugene M. Wilson, Rev. Robert F. Sample, of Minneapolis, and Henry J. Horn, Henry M. Knox, H. L. Moss, ex-Governor Alexander Ramsey, Robert P. Lewis, H. K. Taylor, Thomas Cochran and Major B. F. Wright, of St. Paul. Later the college found warm friends and supporters in the persons of Rev. David James Burrell, D. D., and Rev. J. B. Donaldson, D. D., for several years president of the Board of Trustees. A number of the trustees, like Drs. Neill and Rice,

were honored sons of Eastern colleges, such as Amherst, Hamilton, Williams, Lafayette, University of New York, Union and others. The purpose, therefore, in the minds of these men was to build up in the Northwest an institution after the noble character and aims of these institutions whence they had come. This was their ideal.

Their successors on the Board have labored earnestly to realize this ideal. They seek to make Macalester College a center of culture and warm Christian influence—a school to which parents may confidently commit their sons and daughters, not only for thorough education, but also for the safeguarding and development of their character.

By a provision of the charter amended in 1885, two-thirds of the trustees shall be members of the Presbyterian church. But in its instruction and internal administration the College is wholly non-sectarian and all its privileges are available to students of other faiths on equal terms. Students preparing for the ministry of any evangelical church receive tuition at half rates.

The college property includes seven buildings that have cost one hundred and eighteen thousand dollars, of which sixty-eight went into the main college building. The first class was graduated in June of 1889, since which ten other classes have followed. The alumni now number nearly one hundred. The corporate name of the institution is Trustees of Macalester College.

General Information.

Buildings and Grounds.

Location.—Macalester College is located in Macalester Park, a beautiful suburb in the western part of the corporate limits of St. Paul, one-half mile south and a little east of Merriam Park. Its property fronts on Summit Avenue and is one mile south of the Interurban line where it crosses Snelling Avenue.

Campus.—The college campus contains thirty acres and is a beautiful piece of property. It has a frontage of six hundred and sixty feet on Summit Avenue, a fine boulevard two hundred feet in width, terminating one mile west on the banks of the Mississippi. The grounds contain a fine grove and efforts are making to beautify them in a manner befitting their surroundings.

Advantages of the Location.—The college is very pleasantly located. Macalester Park and neighborhood contains about thirty residences and is quite removed from the thickly settled parts of the city. The college is, therefore, away from the distractions and temptations of these cities. There are no saloons or other places of temptation in the vicinity. The location is favorable for study, for the development and

maintenance of a pure and wholesome college life, and for careful supervision of the conduct of the students. Though the college is in a quiet and retired place, the students are brought in contact more or less with the life and culture of the city. The large public libraries, churches, lecture courses and musical entertainments are accessible and season tickets to the regular lecture courses are usually offered students at considerable reduction.

How to Reach the College.—The shortest route to the college is from St. Paul by way of Grand Avenue and Lafayette street car line to Snelling Avenue. The cars on this line run on Fifth street which is reached by going up Sibley street from the Union Depot two and one-half blocks. If the directions are forgotten, any policeman will give correct information as to how to reach the college.

The college is also easily reached from Minneapolis by way of the Interurban street cars, transferring at Merriam Park to the Selby Avenue line and leaving the cars at Snelling Avenue. A short walk of four blocks up Snelling brings one to the college grounds.

Persons with trunks or other heavy baggage should buy their tickets to St. Paul. On arrival at the depot, go direct to the college, leaving the baggageman to take care of the trunks. Arrangements are made at the college to have the trunks brought out at a small cost. Any student notifying the President or any Pro-

fessor in time will be met on the arrival of any train at the depot.

1. **College Building.**—This is a brick building, one hundred feet long and fifty feet wide, three stories high, with large basement.

The first and second floors contain eight commodious classrooms and two well furnished society halls. The third floor contains an auditorium fifty by sixty-two feet, and a large room forty by fifty feet used for the Library and Reading Room.

The building is heated with steam and is provided with its own electric light plant.

2. **Dormitory.**—This also is a three-story brick building, ninety feet long by thirty-eight feet wide. The first floor contains the music studio, art room, Y. W. C. A. room, mathematical room and physical laboratory. The second and third floors contain twenty double rooms designed, with sitting room and bedroom, to accommodate two students. They are furnished with plain, substantial furniture, are well lighted and thoroughly comfortable.

The building is heated with steam. Students must care for their own rooms or arrange with some one to do so.

3. **The Elms.**—This is an excellent frame building on the corner of Snelling and Summit Avenues, two blocks from the college, fitted up for the accommodation of young ladies. The location is very pleasant and

the surroundings attractive. The rooms are spacious, furnished with single iron beds and other excellent furniture. Unless special arrangements are made, two students occupy the same room. The Dean of the women's department makes her home here, and every reasonable effort is put forth to make the Elms a pleasant, Christian home.

The general management of The Elms is under the care of the Woman's Auxiliary, an organization that seeks by active and earnest co-operation with Board and Faculty to promote the comfort and welfare of the young ladies. Mrs. Johnson, the Dean of the Woman's Department, makes her home here.

4. **Edwards Hall.**—This is a substantial three-story building on Macalester Avenue, one block south of the college. It is named after W. C. Edwards, Esq., of St. Paul, through whose generous liberality it was erected. It furnishes accommodations for twenty-two roomers, besides the matron and her help, and sets tables for forty. The plain, but excellent accommodations provided in this building and offered at very moderate rates have proved a great boon to students who find it difficult to meet the expenses of a college education. The students in this building form a club and manage the boarding department under a matron and other officers of their own choice, subject to the general supervision of the Faculty. The club has been admirably managed since the Hall was first opened. Room,

board and laundry cost not to exceed two dollars and a half per week.

5. **Eutrophian Hall.**—This is a substantial brick building located on Grand Avenue, two blocks from the college. It has been rented for the use of students, accommodates about twenty roomers and has a dining room capacity for sixty or more. An excellent club has been conducted here, now under the capable management of R. L. Thompson, steward, and Mrs. H. J. Elliott, matron.

6. **Chemical Laboratory.**—The building erected originally for the library, through the liberality of Henry L. Moss, is now used as a chemical laboratory. It has desk room for twenty students, is thoroughly lighted and admirably adapted for laboratory purposes. It is well equipped with apparatus and offers facilities for both required and elective courses in chemistry.

Gymnasium.—The basement of the college building, a hundred feet long and fifty feet wide, with ceiling seventeen feet high, is used for a gymnasium. It contains a good lavatory supplied with hot and cold water, two hand-ball courts, ladders, hanging rings, horizontal bar and other apparatus. It is large enough to admit of basket ball practice and affords ample facilities for healthful athletic exercise. One dollar of each incidental fee is appropriated to athletics and physical training.

The Library.—The library contains about seven thou-

sand volumes, not counting duplicates, most of it classified on the Dewey system. It is open every school day in the forenoon. It occupies a room forty-eight by fifty feet and affords excellent accommodations for both Library and Reading Room. Besides the college library, the students have access to the following public libraries:

St. Paul Public Library..... 45,000 volumes
State Historical Library ..... 63,000 volumes
State Library ..... 20,000 volumes
Minneapolis Public Library.....106,000 volumes

By the endorsement of a resident citizen any student may secure a card which will entitle him to draw books from the St. Paul Library.

The Public Library of St. Paul is situated on the corner of Seventh and Wabasha streets—but twenty-five minutes ride from the college on the Grand Avenue street cars. The State Historical Library and State Library are in the State Capitol and are also quite accessible from the college.

Reading Room.—An excellent reading room is maintained in connection with the Library. It is open during the morning and provides a pleasant place where students may profitably spend their vacant periods. It is furnished with a considerable number of the leading papers and magazines.

THE ELMS.

ROOM IN THE ELMS.

Administration.

In the administration of the college appeal is made as far as possible to the self-respect and manliness of the students. They are constantly encouraged to guard well their honor and that of the institution, to maintain a wholesome *esprit de corps.*

Some regulations, however, are necessary, and when the students matriculate it is understood that they thereby submit themselves to the government of the college and pledge themselves to support the same while they are members of the institution. They are expected, and, by virtue of their matriculation as students of the institution, are understood to obligate themselves to act as ladies and gentlemen, to be faithful in attendance upon recitations, examinations, daily morning prayers, and Sunday morning service, and to be diligent in preparation of all tasks assigned.

Students of the Academy who are not of age may visit the cities only on Saturdays during the day or Sunday evenings to attend church. At other times permission must be obtained of the principal of the Academy.

College students are given greater liberty; but frequent visiting of the cities or returning late at night will be dealt with as offenses against good order.

Except in very special cases students are not permitted to room and board down in the city.

Students whose influence is found to be hurtful,

even though guilty of no serious breaches of order, will not be retained in the institution.

Religious Culture.

Religious Services.—Devotional exercises are held in the college chapel daily at 10 a. m., at which all students are required to be present.

Public worship is held every Sabbath morning in Macalester Presbyterian Church. Attendance upon this service is required of all students except those boarding at home, and those excused by written request of parents or guardians to worship elsewhere.

The pastor of the church, Rev. J. M. MacInnis, takes a live interest in the spiritual welfare of the students and will welcome them at any time to his home for converse or advice in regard to personal religion. He conducts a class every Wednesday evening on the history of missions.

Young Men's Christian Association.—This association has an active membership of about forty members. It holds regular meetings every Tuesday evening and missionary meetings once a month. Several of the older members do home mission or Sunday school work in small churches located in the cities and within a reasonable distance of them. Going out to these country churches on Saturday evening they are usually

able to return Monday morning in time for recitations. The association is in close touch with the associations of the two cities and finds opportunities of Christian activity and usefulness in the mission work of the cities. A committee of the association is present at the college two or three days before the College opens to meet and greet the new students as they come in. Members of this committee will meet any incoming student at the Union Depot, St. Paul, if notified beforehand of the time of arrival. Address Mr. Fred Brown, President.

Young Women's Christian Association.—This association, like the one above named, seeks to deepen the spiritual life of its members, to foster a Christian spirit in the institution, to bring its members into closer and more sympathetic touch with one another. Devotional meetings are held weekly in the Y. W. C. A. room and much attention is given to Bible study and to missionary themes. Any young woman who expects to enter the College is invited to write to the president or vice president of the association, telling when she will reach the city and she will be met at the depot. Any information about the institution will be gladly given upon inquiry. Address Miss Helen M. Wallace, President, or Miss Winifred Pringle, Vice President.

Society of Christian Endeavor.—A flourishing Endeavor society is held every Sunday evening in the local church of the Park. The society has proved an invaluable means of Christian culture.

Literary Societies.

Three literary societies and one debating club are in operation under the general oversight of the Faculty. In the collegiate department there are the HYPERION, admitting to membership both young men and young women; the PHILADELPHIAN, open to young men only; the ATHAENEAN debating club for young men; and in the Academy, the PARTHENON, open to all students of this department.

The Hyperion holds weekly meetings in its own handsome, well-furnished hall; the Philadelphian and Athenaean in the music studio, which has been nicely furnished in part at their expense.

It is expected and urged that every regular student will become connected with one or other of these societies and faithfully fulfil the duties of membership. No literary society or other organization may be established without consent of the Faculty.

Oratorical Association.—This association has about forty members and seeks to promote a live interest in Oratory. The interests of the College in the State Oratorical Association are under the control of this association. By means of a preliminary contest it selects one member to represent the College at the State oratorical contest. Hereafter the contestants will be chosen by the literary societies before the close of the college year preceding.

Stringer Prize.—Through the kindness of Mr. E. C. Stringer, of St. Paul, the College is able to offer an annual prize of twenty-five dollars, to be given to that student of the College who, having not less than fourteen recitations a week, takes the first place in the preliminary oratorical contest mentioned above. At the contest held March 15 the prize was awarded to L. E. Hoy, Winthrop, S. D. The second place was won by Carl W. Jensen, Kasson, Minn.; the third, by Max Wiles, Yorktown, Iowa.

Athletics.

Athletics and careful physical training are encouraged and one dollar of each term's incidental fee is set apart for instruction in the care and training of the body and for the equipment of the gymnasium. A fine athletic field has been prepared, containing about five acres and lying just south of the College. There is ample room for lawn tennis and all the usual outdoor games.

As athletics can easily run into scandalous abuses the rules of the College require: 1. That the teams of the College shall not play with colleges that admit professional members to their teams as is often done. 2. That students who do not maintain a creditable standing in their classes shall not be permitted to become

members in the College team. 3. That in match games with colleges outside of the cities the attendance from Macalester shall be strictly limited to the team proper and the necessary substitutes.

Foot-ball, though tolerated, is not encouraged. It is deemed too rough, dangerous and exciting, particularly the intercollegiate games.

Examinations and Reports.

Examinations, written or oral, at the option of the professor, are held at the close of each term, and the class standing of each student is fixed according to his grades in class and on examination. The former usually counts two-thirds, the latter one-third. No student can retain class standing if the examinations are not taken. A record is kept of each student's grades in scholarship and deportment, a copy of which is sent to his parents or guardian at the end of each term. If these are not received the fact should be reported to the registrar.

Degrees.

Graduates from either the Ancient or Modern Classical courses receive the degrees of A. B.; those from the Literary course the degree of Lit. B.

This College has as yet granted no honorary degrees.

Books and Stationery.

Books and Stationery may be purchased at the College at somewhat reduced rates. Text-books will be on sale at the opening of the term, and orders for books will be promptly filled.

Self-Support.

Students desiring to do something towards defraying their own expenses can usually find some way of doing so. Quite a number have found work in the past year, on the weekly holiday, in stores and other places of business, and have thus paid wholly or largely for their board. Others have earned their board by working mornings and evenings. It is seldom that any worthy, capable student fails to find some means by which he may work his way through College. Any student who earnestly desires an education, and can raise thirty or forty dollars, should feel encouraged to come and make a beginning. It is more than likely that the way will open for continuing his studies.

Collegiate Department.

COURSES OF STUDY.

This department embraces the following general courses:

I. The Ancient Classical Course, leading to the degree of A. B. In this course Latin and Greek are required to the end of the Sophomore year, after which modern languages or other branches may be chosen instead.

II. The Modern Classical Course, leading to the degree of A. B. In this course Latin and German are required to the end of the Sophomore year, after which these branches become elective.

III. The Literary Course, leading to the degree of Lit. B. The languages of this course are French and German, which are required to the end of the Sophomore year.

On entrance, the student makes choice of one of the above courses. Thereafter deviation from the course chosen must be by consent of the Faculty upon written application stating reasons.

In the Junior and Senior years elective courses are offered in the following subjects: Mathematics, Eng-

lish Literature, Rhetoric (advanced) and Oratory, Hebrew, Greek, Latin, German, French, History and Political Economy, Civil Government, Natural Sciences, and Philosophy.

In the Sophomore year Pedagogy is offered instead of higher mathematics.

These general and elective courses of study, it is believed, are sufficiently broad to meet the ordinary wants of most students who are preparing to take up professional studies.

Partial Courses.—With the approval of the Faculty, students who are not looking forward to a degree, and who have sufficient preparation, are admitted to select courses. But in such cases a minimum of twelve hours a week will be required.

Admission from the Academy.—Graduates from Macalester Academy are admitted to the College course, for which they are prepared, without examination.

Admission from High Schools and Academies.—Grades and certificates from other colleges, from academies, and high schools will be accepted in lieu of examinations in so far as they represent an equivalent of preparation. Certificates from first-class high schools of Minnesota and Wisconsin will admit to the Freshman class subject to proper adjustment to courses herein offered. Certificates or grades from lower schools will be accepted, if creditable, for the work they represent. Verbal reports of standing will not be accepted.

Students desiring to enter College without examination should send for an applicant's blank. This is to be carefully filled out and returned not later than September first. If this is done it will greatly expedite the work of classifying the new students at the opening in the fall.

Deficiencies.—Students who are not fully up to the requirements will be given every opportunity to remove their deficiencies, but no student should undertake to make up more than one-third of a year's work.

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS.

Candidates for admission to the Freshman class must pass examination or present satisfactory credits in the following subjects:

Classical Course.

I. **English:**

Grammar, and Analysis, including Orthography, Punctuation.

Rhetoric and Composition.

Literature. This will include:

For careful study: Shakespeare's Macbeth; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas;

Burke's Speech on Conciliation with America; Macaulay's Essays on Addison and Milton.

For reading: George Eliot's Silas Marner; Pope's Translation of the Iliad (Books I, VI, XXII, and XXIV); The Sir Roger de Coverly Papers in the Spectator; Goldsmith's Vicar of Wakefield; Scott's Ivanhoe; Shakespeare's Merchant of Venice; Cooper's Last of the Mohicans; Tennyson's Princess; Coleridge's Rime of the Ancient Mariner.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation or grammar.

II. Mathematics:

ARITHMETIC: including the Metric System.
ALGEBRA: Wentworth's, through Quadratics.
GEOMETRY: Plane and Solid.

III. Latin:

GRAMMAR and Lessons (one year).
CAESAR: four books of the Gallic War.
SALLUST: Catiline.
VIRGIL: six books of the Aeneid.
CICERO: six Orations.
PROSE COMPOSITION, based on Cæsar.

IV. Greek:

GRAMMAR and Lessons (one year).
XENOPHON: four books of the Anabasis.
PROSE COMPOSITION, based on the Anabasis.

V. Science:

GEOGRAPHY: Modern and Ancient.

PHYSIOLOGY: Martin's Human Body, (elementary) or its equivalent.

PHYSICAL GEOGRAPHY: Tarr's, Davis', or their equivalent.

ELEMENTARY PHYSICS: Carhart and Chute, or its equivalent.

VI. History:

UNITED STATES: Johnston's, McMaster's, or their equivalent.

GREECE: Oman's, Smith's, or their equivalent.

ROME: Myer's, Allan's or their equivalent.

ENGLAND: Montgomery's, or its equivalent.

Modern Classical and Literary Courses.

Students wishing to take the Modern Classical or the Literary course will be examined or present credits in all of the foregoing subjects, except Greek, in lieu of which the following is required:

German:

GRAMMAR AND LESSONS: Joynes-Meissner, or its equivalent.

READER: Joynes' Reader, or its equivalent.

LITERATURE: Die Eiszungfrau, Doctor Luther, and Herman und Dorothea, or the equivalent of these.

COMPOSITION: Simple prose.

Students deficient in Greek or German have excellent opportunity of making up their deficiencies in the Academy.

Synopsis of Courses of Study.

FRESHMAN YEAR.

FIRST TERM.

ANCIENT CLASSICAL	MODERN CLASSICAL	LITERARY
*Greek, 4.	German, 4.	French, 4.
Latin, 4.	Latin, 4.	German, 4.
Mathematics, 4.	Mathematics, 4.	Mathematics, 4.
English, 3.	English, 3.	English, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

SECOND TERM.

Greek, 4.	German, 4.	French, 4.
Latin, 4.	Latin, 4.	German, 4.
Mathematics, 4.	Mathematics, 4.	Mathematics, 4.
English, 3.	English, 3.	English, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

THIRD TERM.

Greek, 4.	German, 4.	French, 4.
Latin, 4.	Latin, 4.	German, 4.
Mathematics, 4.	Mathematics, 4.	Mathematics, 4.
English, 3.	English, 3.	English, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

SOPHOMORE YEAR.

FIRST TERM.

ANCIENT CLASSICAL	MODERN CLASSICAL	LITERARY
Greek, 3.	German, 3.	French, 3.
Latin, 3.	Latin, 3.	German, 3.
Mathematics or Pedagogy } 3.	Mathematics or Pedagogy } 3.	Mathematics or Pedagogy } 3.
English, 3.	English, 3.	English, 3.
Chemistry, 3.	Chemistry, 3.	Chemistry, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

SECOND TERM.

Greek, 3.	German, 3.	French, 3.
Latin, 3.	Latin, 3.	German, 3.
Mathematics or Pedagogy } 3.	Mathematics or Pedagogy } 3.	Mathematics or Pedagogy } 3.
English, 3.	English, 3.	English, 3.
Chemistry, 3.	Chemistry, 3.	Chemistry, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

THIRD TERM.

Greek, 3.	German, 3.	French, 3.
Latin, 3.	Latin, 3.	German, 3.
Mathematics or Pedagogy } 3.	Mathematics or Pedagogy } 3	Mathematics or Pedagogy } 3.
English, 3.	English, 3.	English, 3.
Chemistry, 3.	Chemistry, 3.	Chemistry, 3.
Oratory, 2.	Oratory, 2.	Oratory, 2.
Bible, 1.	Bible, 1.	Bible, 1.

JUNIOR YEAR.

FIRST TERM.

Required in all Courses.

1. English Literature, 3.
2. Physics, 3.
3. Logic, 3.
4. Political Economy, 2.

†Elective in all Courses.

Rhetoric and Oratory, 2.
Anal. Mechanics, 3.
Chemistry, 3.
Latin, 2.
Greek advanced, 3.
*Greek beginning, 5.
German advanced, 3.
*German beginning, 5.
French advanced, 2.
*French beginning, 4.
Hebrew, 2.
Pedagogy, 2.
Literary Study of Bible, 2.
History of Philosophy, 3.
Music advanced, 2.
Greek Drama (through translations), 2.

SECOND TERM.

Required.

1. English Literature, 3.
2. Physics, 3.
3. Psychology, 3.
4. Political Economy, 2.

Elective.

Rhetoric and Oratory, 2.
Mechanics, 3.
Chemistry, 3.
Latin, 2.
Greek advanced, 3.
Greek beginning, 5.
German advanced, 3.
German beginning, 5.
French advanced, 2.
French beginning, 4.
Hebrew, 2.
Pedagogy, 2.
Literary Study of Bible, 2.
History of Philosophy, 2.
Music advanced, 2.
Greek Drama, 2.

THIRD TERM.

Required.

1. English Literature, 2.
2. Physics, 3.
3. Psychology, 3.
4. Political Economy, 2.

Elective.

Rhetoric and Oratory, 2.
Hydro-Mechanics, 3.
Chemistry, 3.
Latin, 2.
Greek advanced, 3.
Greek beginning, 5.
German advanced, 3.
German beginning, 5.
French advanced, 4.
French beginning, 4.
Hebrew, 2.
Pedagogy, 2.
Literary Study of Bible, 2.
History of Philosophy, 2.
Music advanced, 2.
Greek Drama, 2.

*Reckoned as an elective of three periods.
†Five or six periods weekly must be chosen.

SENIOR YEAR.

FIRST TERM.

Required in all Courses.

1. Astronomy, 3.
2. Psychology, 3.
3. Sociology, 2.
4. Apologetics, 3.

Elective in all Courses.

English Literature, 2.
Rhetoric and Oratory (with Juniors), 2.
Calculus, 3.
Philosophy, 3.
Political Science, 2.
Literary Study of Bible, 2.
Latin, 2.
Greek advanced, 3.
Greek Anabasis, 5.
German advanced, 3.
German Reader, 5.
French advanced, 3.
French Reader, 4.
Hebrew, 2.
Music, 2.

SECOND TERM.

Required.

1. Astronomy, 3.
2. Ethics, 3.
3. Geology, 2.
4. Constitutional History of the United States, 2.

Elective.

English Literature, 2.
Rhetoric and Oratory (with Juniors), 2.
Calculus, 3.
Philosophy, 3.
Political Science, 2.
Literary Study of Bible, 2.
Latin, 2.
Greek advanced, 3.
Greek Anabasis, 5.
German advanced, 3.
German Reader, 5.
French advanced, 3.
French Reader, 4.
Hebrew, 2.
Music, 2.

THIRD TERM.

Required.

1. Astronomy, 2.
2. Ethics, 3.
3. Geology, 5.
4. Constitutional History of the United States, 2.

Elective.

English Literature, 2.
Rhetoric and Oratory (with Juniors), 2.
Calculus, 3.
Philosophy, 3.
Political Science, 2.
Literary Study of Bible, 2.
Latin, 2.
Greek advanced, 3.
Greek Anabasis, 5.
German advanced, 3.
German Reader, 5.
French advanced, 3.
French Reader, 4.
Hebrew, 2.
Music, 2.

*Five or six periods weekly must be chosen.

Particular Description.

ENGLISH.

I. **Required**—1. **Rhetoric.**—The course in Rhetoric for the Freshman class is intended (1) to cultivate the taste and develop the critical power of the student; and (2) to train him in accurate observation and thinking and to the use of clear, forcible, and elegant English. It includes the following:

1. A short course of lectures on the origin, development, and characteristics of the English language, and a brief review of the principles of style;

2. A study in the essentials of logic;

3. Theory and practice in the making of abstracts and plans, and in the various kinds of prose writing, especially in exposition and argumentation;

4. Rhetorical studies in assigned literature.

Freshman year, three hours a week.

2. **Anglo-Saxon.**—Study of grammatical forms; reading of Sweet's Anglo-Saxon Primer and other selections. First term, three hours a week.

3. **Middle English.**—Sweet's First Middle English

Primer with readings from Wiclif and Langland. Sophomore year. Second term, three hours a week.

4. **American Literature.**—The greater part of the work consists of readings and studies, under the direction of the Professor, in the lives and masterpieces of our great writers. Third term, three hours a week.

5. **English Literature.**—The aim of the course in the history of English Literature is to give a connected view of the main facts in the development of the literature by a study of three creative periods; the Chaucerian; the Elizabethan; the Classical; Chaucer, Spenser, Shakespeare and Milton are extensively read and discussed. Junior year, three hours a week.

II. **Elective.**—1. **Elements of Literary Criticism.**—Senior year, first term is devoted to a study of models. Two hours a week.

2. **From Milton to Tennyson.**—A critical study of short selections. The aim of the course is to study the work of each poet in relation to his personal environment and the intellectual condition of the age. Senior year; second term, two hours a week.

3. **A Study of Browning or Tennyson.**—The choice will be made by the class. Senior year; third term, two hours a week.

4. **Oratory.**—This elective is open to Seniors and Juniors. Exposition and study of oratorical masterpieces, analysis of essays and arguments, themes and briefs. First and second terms, two hours a week.

MATHEMATICS.

I. **Required.**—1. **Higher Algebra.**—A rapid review is made of simple equations, ratio and proportion, progression, and quadratics. Especial attention is given to indeterminate coefficients; development of binomial formula, logarithmic series and Taylor's formula. One term, four hours a week.

2. **Trigonometry and Surveying.**—Especial attention is given to definitions of trigonometric functions, development of formulae and their application to the solution of problems. In spherical trigonometry the principal formulae are developed and applied to the solution of triangles. In surveying the student is made familiar with the use of the transit and level and required to determine distances and areas. Two terms, four hours a week.

II. **Elective.**—1. **Analytic Geometry.**—A study is made of rectangular and polar co-ordinates; transformation of co-ordinates, development of the equations of the principal curves. The general equation of the second degree is discussed. Open to those who have completed Freshman work. One term, three hours a week.

2. **Calculus.**—One term is devoted to the differentiation of the various functions, expansion of functions, indeterminate forms, direction of curve, maxima and minima. One term is devoted to the development of the fundamental integral forms and their application to determining areas and rectification of plane curves.

Open to those who have completed Differential Calculus. Two terms, three hours a week.

3. **Analytic- and Hydro-Mechanics.**—An application of Geometry and Calculus to Mechanics. Open to those who have completed Calculus. Three terms, three hours a week.

LATIN.

I. **Required.**—1. **Freshman Year. Cicero and Livy.**—Along with the reading of De Senectute and De Amicitia there is pursued a careful study of word-formation and phonology. The subject matter of Livy, together with the distinguishing characteristics of his style receive attention. Besides the reading of selections from Cicero's letters the social life of the Romans will be studied and discussed. Throughout the Freshman year there will be a constant application and elucidation of the principles of syntax. Three terms, four hours a week.

2. **Sophomore Year. Horace and Tacitus.**—While the grammar and metres of Horace will not be neglected, he will, nevertheless, be read as a poet, and his works will be studied as literature. Tacitus is regarded as presenting interesting facts in the Germania and Agricola, as possessing literary ability, and as a conspicuous example of the Latinity of his time. All these phases of the author are noticed. Three terms, three hours a week.

II. **Elective.—Junior and Senior Years.**—During

these years Latin is an elective study twice a week. The following groups of studies may be pursued during the respective terms of either year.

1. **Oratory.**—(a) Cicero, De Oratore, (b) Cicero, Brutus or Oratio pro Milone, (c) Tacitus, Dialogus de Oratoribus.

2. **Drama.**—(a) Plautus, Aulularia, Rudens, (b) Plautus, Captivi, Trinummus, (c) Terence, Andria, Adelphoe.

3. **Ethics.**—(a) Cicero, De Finibus, (b) Cicero, De Officiis, (c) Seneca, Essays.

4. **Lyric Poetry.**—(a and b) Catullus, Tibullus, Propertius, (c) Latin Christian Hymns.

Each elective will receive the textual and collateral study appropriate.

Throughout the whole college course, students are encouraged and expected to make original investigation, to formulate their own conclusions, and to cultivate the art of literary criticism. As much time as possible will be devoted to such collateral subjects as add both interest and information.

GREEK.

The Aim.—The general aim in this department is to learn to read Greek readily; to become acquainted with the Greek people as revealed in their great creations in history, oratory, philosophy, poetry and art; to arrive at a just estimate of the contribution of the Hellenic race to human progress.

I. **Required. Attic Greek.**—The reading and study of easy Attic Prose, begun in the Academy, is continued through the first term of the Freshman year. Xenophon or Lucian are the authors read. Sight reading in the latter books of the Anabasis; reviews of grammar; composition (Jones) completed, one term, four hours a week.

Ionic Greek. (1) **Herodotus.**—Selections; study of forms; synopsis of his history (by Swayne, Ancient Classic Series). One term, four hours a week. (2. **Homer.**—Homeric accidence, syntax and prosody; structure of the Iliad; Homeric archaeology; influence on later epics; general summary of the contents of the Iliad and Odyssey (Collins, Ancient Classic Series.) Two terms, three hours a week.

Greek Orators.—Selections from the orators. Rise, history and characteristics of Greek oratory; outlines of Demosthenes' orations (Brodribb). A part of the time may be devoted to the Greek histories (Thucydides and Xenophon) at the option of the professor. One term, three hours a week.

II. **Elective. Drama.**—1. Aeschylus, Sophocles, Euripides, Aristophanes. Two or more plays in Greek; outlines of, and selections from, all the plays in English; studies in the Greek drama with helps, such as Haigh's Attic Theatre, Tragic Drama of the Greeks, Campbell's Greek Tragedy, Moulton's Ancient Classical Drama. Three terms, three hours a week.

(2) **Four Options.**—(a) The Greek Testament; the Acts of the Apostles and Epistles of St. Paul; rapid sight reading in the Gospels; mastery of vocabulary and study of N. T. Grammar. Three terms, three hours a week. Intended especially for candidates for the ministry.

(*b.*) Greek Philosophy, Plato and Aristotle.

(*c.*) The Lyric Poets.

(*d.*) Modern Greek.

There is usually more or less variation from the course laid down in Freshman and Sophomore years, to avoid routine.

GERMAN.

The Aim.—German is the distinguishing feature of the Modern Classical Course and runs parallel with the Greek of the Ancient Classical. The aim is to master the language both as spoken and written. The works of some of the best classical and living authors are read and the materials in the different books furnish the subject for easy conversation *in German.*

Composition and rapid reading of living authors is a feature of the advanced work.

I. **Required.**—Freshman year. The first term is devoted to Der Schwiegersohn by Baumbach and to ballads; the second to Freytag's Die Journalisten. The reading of these works is accompanied by exercises in composition and conversation. The third term is

given to Braune Erica by Jensen. Four hours a week throughout the year.

Sophomore year. The following classics are critically read: Maria Stuart, by Schiller; Sessenheim, by Goethe; Minna von Barnhelm, by Lessing; Die Glocke, by Schiller; Der Fluch der Schoenheit, Der Stumme Ratsherr, Das Spelmannskind, by Riehl. Three hours a week.

II. **Elective.**—(1) Junior year. Those who continue German will read Ekkehard, by Scheffel; Haupt Fackta der Deutschen Litteratur, by Wilhelm Bernhardt; and Iphigenie, by Goethe.

Senior year. The literature read is Faust, Wallenstein, and selections from living authors. Three hours a week.

(2.) This elective is intended for those who have taken the Ancient Classical Course. The Junior year, first and second terms, are given to Grammar, Reader, Composition. The third term, to L'Arrabbiata, by Heyse. Four hours a week.

In the Senior year the following works are read: Immensee, by Storm; Eingeschneit, by Frommel, and Hermann and Dorothea, by Goethe. Three hours a week.

FRENCH.

I. **Required.**—In the Literary Course French is required through the Freshman and Sophomore years. Taken up after the three years of Latin required for

entrance, rapid progress may be made in the mastery of the language. The first year is devoted to the elements, and easy reading; the second to French history and prose literature. Freshman year, four hours a week. Sophomore year, three hours a week.

II. **Elective.**—1. Open to students of the Literary course. The drama, fiction, history of the French literature. Junior and Senior years, each twice a week.

2. Open to students of the Ancient and Modern Classical courses. Junior year, same as in the Freshman Literary course. Senior year, same as in the Sophomore Literary course.

HEBREW.

Hebrew is elective in the Junior and Senior years. The course is intended, (1) to prepare students to do advanced work as soon as they enter the Seminary; (2) to enable them to specialize in some other department.

Junior Year.—The aim of this year's work is to master Genesis 1.-VIII., including:

(*a.*) The grammatical principles of the language.

(*b.*) Acquisition of the vocabulary.

(*c.*) Translation of the English into Hebrew.

Three terms, two hours a week.

Senior Year.—Critical study of one of the Minor Prophets, including text, grammar, exegesis and history. Three terms, two hours a week.

Opportunity will also be given for wider reading or

readings at sight in the historical books in order to acquire greater facility in the use of the language.

PHILOSOPHY.

I. **Required.**—I. **Logic and Scientific Method.**—This course comprises a study of logic, deductive and inductive, of fallacies, logical theories, and of scientific method. Abundant exercises are given in order to fix the principles of the science in the minds of students, to cultivate the power of analysis, and to train to correct habits of thought and investigation. Required of all Juniors; 42 hours.

2. **Psychology.**—The aim of this course is a somewhat complete view of the most important parts of the science. Psychology, because of its essential relations to all other studies of this department and because of its value as a means of knowledge and culture, is given a large portion of time. Instruction, by means of recitations, informal lectures, experiments and discussions. Three hours a week through the year.

3. **Ethics.**—The study of Ethics is put near the end of the curriculum in order that its philosophic aspects may be appreciated. The course, beginning with the history of ethical ideas and conceptions, proceeds with the psychology and philosophy of ethics, to the development of a theory of ethics and the application of this theory to life, political and social, family and individual. Two terms, three hours a week.

II. **Elective. Philosophy.**—The course in Philosophy proper runs through the Junior and Senior years. Its aim is threefold; first, to show the nature and methods of philosophy, its reason for being, departments, and more important problems; secondly, to show the course of development and the present condition of philosophy; thirdly, to arouse a permanent interest in philosophical studies.

The following is a brief survey of the course, which will be varied from year to year. The time assigned to the various subjects is only approximate:

1. History of Ancient and Mediæval Philosophy; readings in Plato and Aristotle. First term, three hours a week.

2. History of Modern Philosophy through Kant. Special attention will be given to English philosophic thought and to Kant. Second term, three hours a week.

3. History of Philosophy since Kant, with reference to the course of thought at the present day. Third term, three hours a week.

The above courses are open to Juniors and Seniors.

4. Supplementary to the History of Philosophy a short series of lectures in defense of philosophy, and on its nature, departments and problems will be given.

5. All or nearly all of the second year of this course is given to a critical study of one or more of the great systems in their more interesting aspects, or to the study

of the great problems as they are presented in the best current philosophical publications. Three hours a week through the year.

POLITICAL SCIENCE.

I. **Political Economy.** 1. **Required.**—A general survey is taken of the history, theories and generally accepted principles of Political Economy. Walker's text-book is used, supplemented by collateral studies, in Adam Smith, Mill, Ricardo, articles in cyclopedias, etc. Two hours a week through the year.

(2.) **Elective.**—In the elective course substantially the same ground is covered, but more attention is given to the historical development of the science, and to the application of sound principles to current economic questions. Two hours a week through the year.

2. **Sociology.**—Under this head is included the history, various theories and principles of Sociology. Important aims are, to show the extent of the field, to arouse an interest in the study, and to help to correct methods of sociological investigation. Wright's Practical Sociology is used as a text-book, but the systems of sociology as presented in Spencer, Ward, Giddings, Bascom, Henderson and others are presented and discussed. Two terms, two hours a week.

3. **The Constitution of the United States. Required.**—This course contemplates three things: First, to trace the origin of the Constitution, and the causes which led to its adoption; secondly, to follow the development of

constitutional theory and law; thirdly, to study and interpret the document itself. Hinsdale's text-book is used as a guide. Second and third terms of the Senior year, two hours a week.

4. **History of Civil Government.**—The State, by Professor Wilson, is used as a text-book, with collateral study of constitutions. The aim is to trace clearly the great and distinctive features in the government of the leading European nations. Senior year, two hours a week.

CHEMISTRY.

I. **Required.** 1. **General Inorganic Chemistry.**—A careful study is made of some of the principal elements and their more important compounds, their occurrence in nature, preparation in laboratory, etc. Considerable time is devoted to the history and theories of the science, Two terms, six hours a week, counted in course as three.

2. **Qualitative Analysis.**—This includes the detection and separation of the principal metallic elements. Entirely laboratory work. One term, six hours a week.

II. **Elective.**—Advanced work in inorganic chemistry and analysis is offered to those who complete the required course.

The Chemical laboratory is well equipped for thorough work in the course offered. Especial attention will be given to scientific methods of observation and to interpretation of results. The work of both courses will be mainly in the laboratory. Each student will

make a complete and systematic record of all his investigations. The aim will be to awaken the truly scientific spirit rather than to master a particular text. Three terms, three hours a week.

PHYSICS.

Required.—This includes a careful study of the various branches of the subject and involves a knowledge of Algebra, Geometry and Trigonometry. Much attention is given to the solution of problems. One term is devoted to mechanics of solids and fluids, and to heat; another to electricity and magnetism; a third to sound and light. The work is chiefly in the form of recitations and lectures, with a certain amount of laboratory work. Three terms, three hours a week.

GEOLOGY.

Required.—The method of study is by text-book and assigned topics.

In addition to the usual class-room work, students are expected to gather specimens, and, as far as time will permit, to make field excursions, so as to become familiar with our local geology. The Library contains the reports of the State Geologist of Minnesota and other valuable works on the subject. The college collection of specimens, though not large, is excellent. Two terms, three hours a week.

BIOLOGY.

General Biology.—Elective.—A brief study is made of the morphology, physiology and development of various animal and plant forms. The time will be divided between recitations and laboratory work. The laboratory will, next year, be equipped with microscopes and all necessary supplies, each student having the use of a B. & L. Compound Microscope with 2-3 and 1-6 in. objectives.

ASTRONOMY.

Required.—The time allotted to this branch is divided between mathematical and descriptive astronomy. Careful attention is given to the solution of the mathematical problems. Some time is given to the study of the heavens to enable the student to become acquainted with the names and positions of the principal constellations. Two terms, three hours a week.

PEDAGOGY.

Elective.—The course in pedagogy offers to those who look forward to teaching a comprehensive survey of the principles of their profession, and, to all, a study in the educational aspect of those principles which have characterized the conscious spiritual advancement of the race. The course comprises three divisions, each covering a year's work.

1. **History and Modern Systems of Education.**—The general history of education, the history of education in the United States, and the educational systems of the leading European states are intended as introductory, leading to an understanding of the course of advancement and of our present position, as well as opening the vast treasure-house of educational thought and literature. Open to Sophomores, three hours a week.

2. **Theory and Practice of Teaching.**—In this division of the subject a study is offered of the problems of school management, mechanical aids to teaching, methods in general, and, finally, brief courses in the methods of teaching the important branches of elementary and secondary instruction. These last will be given in part by different members of the faculty in their own departments. Open to Juniors, three hours a week.

3. **Psychology and Philosophy of Education.**—The course in psychology applied to education aims to develop the psychological insight of the teacher and to furnish him with a correct basis of judgment and suggestion as a practical teacher. The course in the philosophy of education aims to reach some general conclusions as to the significance of human life and activity, and to develop a sense of the organized unity of education, its limits, ideals, values and of the place of education in the general system of life.

It is recommended that students intending to take

MUSIC STUDIO.

READING ROOM AND LIBRARY.

this course should take first the elective in the history of philosophy. Open to Seniors, three hours a week.

BIBLE AND APOLOGETICS.

The Bible has been given a prominent place in the college curriculum. It is deemed by the founders of the college to be the most important book in the whole range of literature; to furnish the most instructive biographies and histories; to contain a literature both in prose and poetry of unrivaled excellence; to be the only revelation of a perfect law and of a perfect gospel, and to be one of the principal agencies in the development of true moral character.

The Aim.—It will be the aim of this department to aid the students in understanding and appreciating the manifold excellences that have secured for the Bible the title of THE BOOK. The needs of those who are looking forward to evangelistic work, or engaged in it, are kept in view.

I. **Required.**—The Bible is a required study in the Freshman and Sophomore years.

1. **Old Testament.**—In this there is one recitation weekly throughout the Freshman year. The design is to (1) make the students fairly familiar with the leading events of Jewish history and with the salient religious teachings of the several books; (2) to study selected portions critically and inductively. Here a secondary object is to illustrate the inductive method of

Bible study, its correctness and fruitfulness, and to quicken an interest in Biblical research.

2. **New Testament. The Gospels.**—This department of Biblical study embraces the preparation for Christianity, the life and teachings of Christ and the training of the Apostles. Sophomore year, one hour a week.

II. **Elective.**—In the Junior or Senior year twice a week: The subject offered is the literary study of the Bible with Dr. Moulton's text-book for a guide and the literary and exegetical study of some master-pieces, as Isaiah, Job, and some of the Psalms.

[For the courses in Hebrew and New Testament Greek, see Curriculum of the Junior and Senior years.]

Apologetics.—(1) This course aims chiefly at two things:

First, a brief exposition of Christian theism and an exhibition of its superiority in philosophy and in practice to the various opposing theories; deism, pantheism, materialism and agnosticism.

Secondly, a summary of the argument for historical Christianity and an examination of criticisms and objections, especially those of our own day. Required, fall term three hours a week.

Music.

The students of music are under the instruction of Prof. Phillips, of St. Paul. Mr. Phillips has had the advantage of thorough training both at home and abroad. He spent four years of study in Stuttgart, Germany, under Prof. Speidel (piano), Breed (voice), Faisst (organ) and Goetschius (harmony).

Since his return in 1889 he has been successfully engaged in the teaching of music in the city of St. Paul, and has been prominently identified as a baritone and director of music with various important churches of the city, namely: Dayton Avenue Presbyterian, St. Luke's Catholic, People's Church, Jewish Synagogue.

The Place of Music.—Music has been viewed too much as a mere accomplishment. It has come to be recognized, rather, as having high educational value and as constituting an important part of a complete education.

Music as an Elective.—To encourage the more thorough study of music, it is proposed to permit students to take advanced work in music, in the Junior and Senior years, subject to the approval of the Faculty, in lieu of some other elective.

The Course of Study pursued embraces the following branches:

Piano-forte, vocal culture and singing, organ, violin and other stringed instruments, harmony, counter-point, and general musical theory.

Piano.—It is the aim of this department to make thorough pianists. Modern science has accomplished much in the study of the arm, wrist, knuckles and fingers, involving many new motions and combinations for controlling touch and technique much in advance of ordinary methods. Much disappointment and misdirected effort can be spared by proper attention to these details at the outset. Pupils are simultaneously taught and are expected to study harmony, musical analysis, and the correct reading of all signs of expression, phrasing, dynamic values, touch, proper use of the damper pedal, etc.

The course has been divided into three years, with a post-graduate course of one year.

First Year.—Mason's Touch and Technique; Douvenoy, Op. 120; Lorschorn, Op. 65; Czerny, Fingerfertigkeit; Bach, two-part inventions; easy sonatinas by Haydn, Mozart, Clementi and Duesck.

Second Year.—Bertini, Op. 29; Heller, Op. 45; Cramer, 50 studies, or Clementi's Gradus; Kulak, octave studies; sonatas by Mozart, Beethoven; Mendelssohn's Songs without Words; Chopin's mazurkas, nocturnes, etc.

Third Year.—Heller's Art of Phrasing; Bach, preludes and fugues; a few of the Chopin studies; and the

more difficult sonatas of Beethoven; selections from Chopin, Mendelssohn, Weber, Schumann, Schubert and others.

Post-Graduate Course.—The more difficult Chopin studies; Bach, organ preludes and fugues, arranged for piano; concertos, and the more difficult selections, Beethoven, Mendelssohn, Chopin, Rubenstein and Henselt.

Voice Culture.—In the department of vocal music, those methods which experience justifies as being at once effective and artistic in their results, have been adopted. It is the policy to secure a systematic and thorough culture on the basis of the best Italian methods. All students are expected to pursue a course of theoretical study to perfect themselves in sight-reading and in all essential and practical details of the art, which are sometimes neglected in behalf of superficial and showy features.

Forward, high-placing and deep resonance of tone, is the true basis of voice work, special attention being paid to the breathing exercises.

The celebrated methods of Dellesedi, Shakespeare, and others are used; also Vocalisses, Concone, Veccoj and Marschesi; songs by Lassen, Grieg, Bach, Gounod, Schubert, Mendelssohn, Wagner and others.

The Organ.—The course of study on this instrument will include Rinck's Organ School, Buck's Pedal Studies, Bach's Preludes and Fugues, Mendelssohn's Sonatas. Registration, and playing of church music will

receive special attention. Students have access to a fine two-manualed pipe-organ.

The study of harmony, counter-point, etc., is obligatory on the part of those who receive certificates or diplomas. Certificates will be awarded at the close of the first and second years, and a diploma at the close of the third year, to pupils who pass the regular examinations in their respective classes.

Sight Reading.—Classes free for those who wish to take up the work.

History of Music.—In the study of the history of music Mathews' Popular History of Music and Fillmore's Lessons in Musical History will be used. Students will also have access to other authorities.

Satisfactory provisions will be made for any who wish to take lessons on the violin or other string instruments.

Monthly recitals in both vocal and instrumental music will be given, in which all musical students will be required to participate. Monthly lecture recitals by Prof. Phillips and others in both vocal and instrumental music will be given throughout the year.

A choral club, as well as a glee club, has been carried on very successfully, and will be continued. The best choruses of church and secular music will be studied, as well as the college songs, which are so dear to the memory of both young and old.

The Study of Church Music.—For students who desire special training in church music, appropriate courses will be carried out. The wide experience of Prof. Phillips in such music fits him peculiarly for this work.

Violin.—Instruction on the violin is given by Prof. Arthur O. Bergh, of St. Paul, one of the most competent teachers in the city.

Terms.—Piano, Voice, Organ:

Fall term, two lessons a week	$25.00
Fall term, one lesson a week	14.00
Winter term, two lessons a week	21.00
Winter term, one lesson a week	12.00
Spring term, two lessons a week	11.00
Spring term, one lesson a week	10.00
Rent of piano for practice, per term, one hour a day	2.00

Harmony will be taught in classes at a nominal price.

Students in music should set aside a certain sum each term for the purpose of hearing the best musical talent in vocal, piano, and orchestral concerts that comes to the city.

Music students are permitted to take one study in College or Academy of two or three hours a week without extra charge.

Music, instrumental or vocal, may be taken as an elective in the Junior and Senior year, provided the student is sufficiently proficient to do advanced work. A minimum of not less than six hours a week must be

devoted to the study and it will not be acepted for more than two periods or credits per week. The fitness of the student to take this elective will be determined by examination, and the expense of the instruction must be borne by the student.

Elocution.

The department is under the direction of Miss Grace Whitridge, a post-graduate of the Boston School of Oratory, and a pupil of Mr. F. F. Mackay, director of the National Dramatic Conservatory of New York.

1. **Method.**—The system of training is based upon the principles taught at the Conservatoire in Paris.

"Every art must have an underlying science. Creation is the exponent of supreme power and wisdom. Art is the exponent of all human power and knowledge. Science is systematized knowledge. Elocution is both a science and an art. As a science it recognizes emotion, dissects it, arranges it and presents for study the factors which produce it. As an art it puts into practice the appropriate, natural and artificial means by which emotion can be expressed. This being understood, the student of acting or of elocution is taught that emotion is the expression of a sensation aroused by some external circumstance, and he is made to analyze and

represent the physical effects which the various emotions in nature produce, and the natural language by which they express themselves."

2. **The aim** of the work is to teach the students scientific principles and to give them artistic and *practical training* which will enable them to avoid all affectation and rant, all mere trickery and striving for effect. Every pupil must pass a prescribed percentage to entitle him or her to a public appearance. It is hoped the value of this department will be felt by all our students, whether preparing for public or private work, and that such vigor and earnestness may enter therein as to give it a place among the elective subjects.

3. **Outline of Study—**

1. Breathing, Voice Production—Theory, practice.

Science and art of elocution in its relation to reading, recitation and oratory—Factors of expression.

2. Analysis of Emotions—Theory, practice.

Physical Training—Pose, gesture, facial expression.

Analysis and rehearsing of one Shakespearean play.

Bible reading.

Required.—Elocution is required in the Freshman and Sophomore year classes. Students taking Elocution will be required to pass examinations as in the case of other studies.

Art.

During the year a room has been fitted up for instruction in Art. The branches of study are drawing from the antique (busts, models, etc.), crayon and color work. The department is under the direction of Miss Mary Kennedy, formerly of Oberlin.

Summer School.

With the approval of the Board of Trustees the Faculty has decided to open a Summer School. It will continue eight weeks, beginning June 17 and closing August 9.

The Object:

The object of the school is:

1. To enable students to make up deficiencies preparatory to entering Freshman or other classes in the fall.

2. To enable teachers whose education has been interrupted to prosecute their studies with a view to graduation from college. An increasingly large per cent of the public school positions are open only to college and university graduates. It is believed that

many public school teachers will eagerly embrace the opportunity offered in the summer school to prosecute their college studies at small cost.

Classes:

Classes will be formed in:

ALGEBRA, School and Higher; Geometry, and (if there is a sufficient demand) in higher branches.

LATIN: Lessons, Cæsar, Cicero, Vergil and other authors, if there is sufficient demand for them.

GREEK: Lessons, Anabasis, Homer, etc.

GERMAN: Beginning and higher classes.

ENGLISH: Rhetoric and Literature.

CHEMISTRY AND PHYSICS: Elementary.

MUSIC: Piano, Violin, Voice, and certain other studies if there is sufficient demand for them.

Commercial Studies.—Instruction will also be given in Commercial Arithmetic; Commercial Law, Typewriting, Stenography, etc.

Instruction.—The instruction will be given by some of the regular professors assisted by competent instructors.

Location and Environment.—Macalester Park is a pleasant place to spend the summer. There are pleasant groves in the vicinity. The college grounds face on Summit Avenue—famed for its beauty. It is a short distance by wheel to Como Park, one of the most beautiful parks in the Northwest, and offering sundry musical attractions in the evening. The beau-

tiful banks of the Mississippi are but a mile and a half to the west. The interurban bicycle-path passes in front of the college property. Minnehaha Falls and Fort Snelling are interesting points for short excursions on the wheel.

The Terms:

Tuition	$12.00
Board, per week	3.00
Room rent (per week)—	
Dormitory	.50
Corner rooms	.75
The Elms (Ladies' Hall)	.75
Edwards Hall	.25

It is desirable that application for rooms should be made early, as they will be assigned in order of application.

For further information address Prof. Edward C. Downing, Macalester Park.

COLLEGE TEXT-BOOKS.

English.—(Genung's) Elements of Rhetoric; Sweet's Anglo-Saxon Primer and First Middle English Primer, Brook's Primer of English Literature with full text of Chaucer, Spenser, Shakespeare, and Milton. From Milton to Tennyson by Syle. Elements of Criticism by Johnson. Exposition of the Sentence and Paragraph by Baldwin. Select Essays of Addison by Thurber. Orations and Arguments by Bradley.

Mathematics.—Olney's University Algebra. Wentworth's Plane and Spherical Trigonometry and Surveying. Nicholl's Analytic Geometry. Osborne's Differential and Integral Calculus. Bower's Analytic Mechanics.

Latin.—Harkness' Grammar. Mather & Wheeler's Prose Composition. Harper's Latin Dictionary. Any standard edition of the authors.

Greek.—Liddell and Scott's Intermediate Greek Lexicon. Hadley-Allen's Grammar with Goodwin for reference. Any standard edition of the texts, as Mather's Herodotus, William's Lucian, Seymour's or Keep's Iliad, Tyler's Demosthenes, Wagner's or Dyer's Plato's Apology, etc. Haigh's The Attic Theatre and The Tragic Drama of the Greeks, Campbell's Greek Tragedy.

German.—Joynes-Meissner's Grammar. Joynes' Reader. Koehler and Lambeck's Dictionary recommended. Standard editions of the authors, as Thomas' Faust, Stern's Geschichten von Rhein, Brenhart's Immensee.

French.—Edgren's Grammar. Whitney's Introductory French Reader. Benton's Easy French Plays.

Joynes' Classic French Plays. Spier and Surienne's French Dictionary.

Hebrew. — Harper's Inductive Method. Davies' Complete Hebrew and Chaldean Lexicon.

Philosophy.—Logic: Hyslop's Elements; for reference Mill, Jevons, Hamilton, Venn, Sigwart.

Psychology.—James' Principles; for reference Baldwin, Ladd, Hoeffding, Sully.

Ethics.—Paulsen's System of Ethics; for reference Green, Martineau, Sidgwick, Porter.

Philosophy.—History of, Weber; James' The Will to Believe, Microcosmus by Lotze.

Political Science.—Political Economy by Walker; for reference and outlines, Mill, Ricardo, Adam Smith, De Laveleye, Gide and others.

Sociology.—Wright's Practical Sociology; for reference and outlines, Spencer, Ward, Giddings, Bascom, Henderson and others.

History of Civil Government.—Wilson's The State, Constitutions edited by F. A. Cleveland. Constitution of the United States by Hinsdale.

Chemistry.—Newth's Inorganic Chemistry. Noyes' Qualitative Analysis.

Physics.—Hastings and Beach.

Geology.—Carhart with Dana's large work and others for reference.

Botany.—Coulter's works.

Astronomy.—Young.

Bible.—Revised Version. Stevens and Burton's Harmony of the Gospels with notes. Wescott and Hort's Greek Testament. Moulton's Literary Study of the Bible. Cambridge's Bible for Schools, select volumes as on Isaiah and Job. Bruce's Apologetics.

The Academy.

Faculty.

JAMES WALLACE, PRESIDENT OF COLLEGE.

EDWARD C. DOWNING, A. M., PRINCIPAL.
Latin and Roman History.

NEWTON KINGERY, A. B.
Science.

JULIA M. JOHNSON, A. M.
English and History.

JOHN P. HALL, A. B.
Greek and Greek History.

REV. HENRY D. FUNK,
German.

REV. CHAS. SCANLON, B. S.
Bible and Junior Branches.

LLOYD E. WHITNEY,
Business Studies.

MISS ESTELLE FENNO, A. B.
Mathematics.

MISS A. M. DICKSON, A. B.
Latin and Greek.

A. B. McCALLISTER,
Latin.

Admission and Courses.

The purpose of the Academy is to prepare thoroughly for the standard courses in any college, to provide a good general education for those who cannot carry their studies further.

The languages of the Ancient Classical are Latin and Greek; of the Modern Classical and Literary, German and French. The Scientific substitutes Science for a part of the Latin of the other courses.

Besides the above, a course including **Commercial Studies** is offered. In this course, commercial studies, such as Commercial Arithmetic and Geography, Commercial Law, Business Correspondence, Stenography and Typewriting, etc., are substituted for the Latin and German of the Scientific.

General Conditions of Admission. These are the same as for the College. See page 25.

Requirements for Entrance. All applicants for admission to the first year class are examined in Orthography, Elementary English and Arithmetic (through factoring), Descriptive Geography, and United States History. Applicants for admission to higher clases will, in addition to the above, be examined in the studies of the classes below that for which they apply. Certificates are accepted in lieu of examinations in so far as they represent equivalents in time and in work of studies prescribed in the Academic course.

SYNOPSIS OF ACADEMIC COURSES OF STUDY.

FIRST YEAR. (One Course.)

FIRST SEMESTER.:

English Grammar	4
Latin Lessons	5
Arithmetic	5
Bible	2

SECOND SEMESTER:

English Grammar	4
Latin Lessons	5
Physical Geography	5
Civics	3

SECOND YEAR. (One Course.)

FIRST SEMESTER:

English	4
Latin: Cæsar	5
Algebra	4
History: English	3

SECOND SEMESTER:

English	3
Latin: Cæsar	5
Algebra	5
History: Roman	3
Bible	2

JUNIOR YEAR.

ANCIENT CLASSICAL.

FIRST SEMESTER:

Greek	5
English	2
Latin	4
Algebra	4
History: Greek	2
Bible	1

SECOND SEMESTER:

English	2
Latin	4
Greek	5
Geometry	4
History: Greek	2
Bible	1

MODERN CLASSICAL.

FIRST SEMESTER:

German	5
English	2
Latin	4
Algebra	4
History: Greek	2
Bible	1

SECOND SEMESTER:

German	5
English	2
Latin	4
Geometry	4
History: Greek	2
Bible	1

SCIENTIFIC.

FIRST SEMESTER:

English	2
Latin: Cicero	4
German	5
Algebra	4
Physiology	3
Bible	1

SECOND SEMESTER:

English	2
Latin: Cicero	4
German	5
Geometry	4
Botany	3
Bible	1

SENIOR YEAR.

ANCIENT CLASSICAL.

FIRST SEMESTER:

Greek	5
English Lit	2
Latin: Vergil	4
Geometry	4
History: Mod	2
Bible	1

SECOND SEMESTER:

English Lit	2
Latin: Vergil	4
Greek: Anabasis	5
Geometry	3
Science: Physics	4
Bible	1

MODERN CLASSICAL.

FIRST SEMESTER:

German	5
English Lit	2
Latin	4
Geometry	4
History: Mod	2
Bible	1

SECOND SEMESTER:

German	5
English Lit	2
Latin	4
Geometry	3
Science: Physics	4
Bible	1

SCIENTIFIC.

FIRST SEMESTER:

English Lit	2
Science: Zoology	3
German	5
Geometry	4
History: Mod	2
Bible	1

SECOND SEMESTER:

English Lit	2
Science: Chemistry	3
" Physics	4
Geometry	3
German	5
Bible	1

Particular Description.

ENGLISH.

The Academic course in English prepares for college entrance and at the same time offers a course somewhat complete in itself.

1. **First Year.** The first year is devoted to the study of grammar, sentence analysis and composition, including punctuation, capitalization, etc. Three terms, four hours a week.
2. **Second Year.** In the second year the text used is Genung's Outlines of Rhetoric. Special emphasis is placed upon the study of words, figures of speech, elements of sentence and paragraph structure. Models from the required list of authors are studied. As a means of gaining facility, precision and force of expression, students are required to prepare one or more short themes weekly. Three terms, four hours a week.
3. **Third Year.** During this year composition is continued, with analysis of masterpieces in the uniform admission requirements. Training in discussion and debate. Two hours throughout the year.
4. **Senior Year.** In the Senior year Painter's Introduction to English Literature is the text-book. Subjects for composition are taken from the required reading. Much attention is paid to the application

of sound principles of criticism to the literature read. Three terms, two hours a week.

For the literature to be read before entering the Freshman Class, see English required for entrance.

MATHEMATICS.

The course in Mathematics includes Arithmetic, Algebra, and Geometry.

1. **Arithmetic** is studied throughout the first year. Great familiarity with the elementary principles is required, and abundant practice in the solution of problems is given. Those who take the Business course will have special instruction in Commercial Arithmetic.

2. **Elementary Algebra** is taken up at the beginning of the second year and is continued throughout the year, reciting four times a week. The aim is to ground the student thoroughly in the fundamental operations of Algebra which lies at the basis of the Mathematical course.

3. **Advanced Algebra.** The work of the third year in Mathematics carries the student through quadratic equations.

4. **Geometry** is studied throughout the Senior year, and both plain and solid geometry are completed. Students are required not only to master the text-book, but also to solve numerous original problems and theorems. Four hours a week.

LATIN.

Latin is a required study in each of the Academic courses. During this time the student is expected to acquire a large vocabulary, a wide knowledge of the rules of syntax, and the ability to convert English into the Latin idiom. These things furnish an indispensable basis for the work pursued in the College classes. Special attention is given to the forms and structure of the language, which are studied by severe methods of both analysis and synthesis. The grammar is thoroughly studied, and the memory is helped by a rational explanation of forms.

1. **Latin Lessons.** The First Year is spent in the study of the declensions and conjugations, syntax and vocabulary, in making translations daily to and from the Latin, and in conversation. Five hours a week.
2. **Caesar and Composition.** The Second Year is devoted to careful and thorough study of Cæsar, Nepos and composition. Five hours a week.
3. **Cicero and Composition.** The Third Year is devoted to Cicero, composition, and a more thorough study of the Grammar. Four hours a week.
4. **Vergil.** The Senior Year is devoted to Vergil. The Aeneid is studied both textually and as literature. Four hours a week.

GREEK.

Greek is a required study in the Ancient Classical course.

1. **Lessons.** The aim of the first year's study of Greek is to master the elements, six hundred to eight hundred carefully selected Greek words, and two or more chapters of the Anabasis. The method followed, after the more important paradigms are mastered, is in the main inductive. Five hours a week.
2. **Anabasis and Composition.** In this year an effort is made to read thoroughly four books of the Anabasis. The reading is accompanied with prose exercises and sight-reading in the fifth and sixth books. Special effort is made to master a large vocabulary. Five hours a week.

GERMAN.

German is a required study in the Modern Classical course.

1. **Lessons.** The First Year in German is devoted to grammar and exercises, to the mastery of a good working vocabulary, of the more important strong and weak verbs, of the common idioms, and to the formation of sentences. Composition and conversation receive close attention. Five hours a week.
2. **Reader and Composition.** The Senior Year is devoted to easy reading, composition and conversation. Grimm's Fairy Tales, Schiller's Der Neffe als Onkel, Ballads, Wilhelm Tell, indicate the literature read during this year. Five hours a week.

HISTORY.

History. The aim of this department is the acquisition by the student of such historical knowledge as will be a necessary element in general culture and a solid foundation for further studies in history. The method of teaching employed is that of the text-book with assigned topics for investigation. The course laid out falls under four heads.

1. **English History.** Second Year, first semester, three hours a week. The new text-book by Ransome will be used the coming year.
2. **Roman History.** Second Year, second semester, three hours a week.
3. **Greek History.** Third year, two periods a week.
4. **Modern History.** Senior Year, first semester, two hours a week.

NATURAL SCIENCE.

The Academic or preparatory course in elementary science covers a period of three years, and embraces:

1. **Physical Geography,** one-half year, three periods a week.
2. **Physiology,** one-half year, three periods a week.
3. **Zoology,** one-half year, three periods a week.
4. **Botany,** one-half year, three periods a week.
5. **Chemistry,** one-half year, six hours a week.
6. **Physics,** one-half year, four hours a week. Students of these branches have access to the apparatus and laboratories used in the Collegiate department.

Business Course.

FIRST YEAR.

English Grammar, 4.
Arithmetic (1st Sem.) 5.
Commercial Arithmetic, 3.
Physical Geography (2nd Sem.) 3.
Civics (2nd Sem.) 3.
Penmanship, 4.
Bible (1st Sem.) 2.

SECOND YEAR.

English, 4.
Algebra, 5.
Bookkeeping, 5.
Commercial Geography (1st Sem.) 3.
Business Correspondence, 3.
Penmanship, 4.
Bible (2nd Sem.) 2.

JUNIOR YEAR.

Rhetoric, 2.
Algebra (1st Sem.) 4.
Geometry (2nd Sem.) 4.
Commercial Law, 2.
Typewriting, 5.
Stenography, 4.
Bible, 1.

SENIOR YEAR.

English Literature, 2.
Geometry, 4.
History (Mod.) 2.
Typewriting, 5.
Stenography, 4.
Bible, 1.

We teach a modified system of Graham's Standard Phonography. There are other systems easier to learn, but, so far as demonstrated, there is no system that outranks it in speed, legibility and all-round utility. This system is used by more than fifty per cent. of all court reporters in the United States. Classes in shorthand are organized twice a year, in September, and in January. We do not aim to compete with the "short term" schools, for the average student requires from six to twelve months to reach a speed of from one hundred to one hundred twenty-five words a minute in shorthand, new matter, and from thirty-five to forty words a minute on the typewriter on matter transcribed from notes.

Students may enter bookkeeping at any time in the year and the progress depends entirely upon his ability and the time devoted to the study.

Text-Books.

English: The Mother Tongue: By Kittridge and Arnold. Rhetoric: Herrick and Damon. English Literature: Painter.

Mathematics: Arithmetic: Packard. Algebra: Wentworth, Olney's Higher. Geometry: Phillips and Fisher.

Latin: Grammar: Harkness. Beginning Book: Smiley and Storke. Prose Composition: Mather and Wheeler. Any standard edition of the authors read.

Greek: Grammar: Hadley-Allen, with Goodwin for reference. Anabasis: Harper and Wallace. Lessons: Boise and Petengill. Prose Composition: Jones.

German: Grammar: Joynes-Meissner. Reader: Joynes. Composition: Based on text read. Any standard edition of authors read.

History: English: Ransome. Greek: Myers. Others not chosen.

Science: Physical Geography: Tarr. Physiology: Blaisdell. Zoology: Packard. Chemistry: Williams. Physics: Not chosen.

Expenses.

College—Fall term	Tuition,	$12.00
	Incidental fee,	4.00
" Winter term	Tuition,	10.00
	Incidental fee,	4.00
" Spring term	Tuition,	10.00
	Incidental fee,	4.00
Academy—Fall term	Tuition,	10.00
	Incidental fee,	3.00
" Winter term	Tuition,	8.00
	Incidental fee,	3.00
" Spring term	Tuition,	8.00
	Incidental fee,	3.00

The incidental fee is charged to meet the expense of fuel and repairs, except that $1.00 of every incidental fee, each term, is devoted to the gymnasium and to athletic purposes.

Edwards Hall.—Board, including plain washing, per week, average	$2.20 to 2.35
Room rent, per week	.25
Light and heat, per week, average	.20
Eutrophian Hall.—Board, per week	2.30 to 2.50
Room rent, per week	.25 to .35
Light and heat, per week, average	.20
Plain washing, per week, average	.15
The Elms (Ladies' Hall).—Board per week	3.00
Room rent, per week, including light and heat	.50

Plain washing, dozen pieces per week.. .25
(Extra washing at special prices.)

Dormitory.—Room rent, with light and steam heat ..... .50
Corner rooms, each..... .75

Students rooming in the Dormitory board at Eutrophian or in private families or in Edwards Hall.

Private Families.—Board, per week..... 3.00 to 3.50
Room rent, per week..... .75 to 1.00
Students boarding themselves may reduce the cost somewhat.

Extra Charges—

Analytic Chemistry, for materials used. $5.00 to 8.00
Breakage of apparatus in Laboratory... Actual Cost
College Diploma..... 5.00
Academic Diploma..... 2.50

Each student in the Dormitory or in Edwards Hall is required to deposit $2.00 as a guarantee against damage to college property, and to make it up to that amount at the opening of each term thereafter. From this fund will be deducted (1) charges for repairing for which he is personally responsible; (2) charges *(pro rata)* for damages done in Dormitory or Hall by unknown hands. The surplus, if any, is refunded to the students at the end of the year, or when they leave the institution.

Payment of Fees: Tuition and incidental fees must be paid at the beginning of each term in advance.

No deductions are made except for sickness lasting a month or more or in case of those who enter after the middle of the term.

Refunding Tuition: If a student leaves the institution at any time after entrance without the approval of the Faculty or because he has been suspended or dismissed no money will be refunded.

Fees for Partial Students: Students taking seven recitations a week or less will be charged half rates, except that Music students will be permitted to take three recitations a week without extra charge.

Payment of Room Rent: Room rent in the Dormitory and Edwards Hall is paid monthly in advance. Room rent and board in the Elms are paid monthly in advance.

No room rent is charged for the winter or spring vacations unless the rooms are occupied. But, except during these vacations, students are charged for their rooms till they are formally vacated, whether continuously occupied or not.

Half Rates: Sons and daughters of ministers are charged but half the usual rates of tuition. This concession is not limited to Presbyterian ministers.

All candidates for the ministry, *of whatever church or denomination,* receive tuition at half rates, upon the following conditions:

(1) Candidates for the Presbyterian ministry shall be under the care of Presbyteries, and shall present to the field secretary or collector certifications to this fact from the clerks of the Presbyteries.

Candidates for the ministry of other denominations shall have their purpose to enter the ministry properly certified to by the proper ecclesiastical authorities.

(2) All such students will be held in honor bound to refund to the College treasury the amount of tuition received in the event of their abandoning their purpose to enter the ministry.

(3) Reduced tuition shall not be provided for any candidate for the ministry who indulges in the use of tobacco.

N. B. The above concession, though made at a great sacrifice to the College, is offered cheerfully and with the purpose of enhancing, as far as possible, the usefulness of the College.

It is, however, justly expected of those who are thus helped that they will be faithful in promoting, as far as in their power, the welfare of the institution; and that they will complete their course of study at this institution.

Special Discount: Where more than one person from the same family attend college at the same time, a discount of twenty-five per cent. will be allowed on the tuition of each person after the first.

High School Scholarships: To the person graduating

with first honor in any high school, the Board of Trustees will give a scholarship which entitles the holder thereof to free tuition for the ensuing year. To the one graduating with second honor, a half scholarship will be given, which entitles the holder to half tuition for the same time.

The same scholarships are offered those who are graduated from the Academy with first and second honors. This year these scholarships have been awarded to Mr. O. A. Evans, of Minneapolis, and to Miss Ethel C. Brown, of St. Paul.

Furniture: All rooms are furnished with bedsteads (two-thirds size), mattresses, commode, wash-stand, bowl and pitcher, study-table, book-shelves and three chairs. Students must provide their own bed clothing, towels, napkins, lamps, pillows, brooms, and (if they want them) carpets or rugs.

Application: Application for room should be made early to the field secretary, Prof. William J. Johnson, enclosing $1.00, which will be applied on room rent. Applicants should state in which hall they desire a room. Rooms will not be held later than the opening of the term unless the room rent is advanced for the period of delay.

SUMMARY OF EXPENSES.

The net expenses for the year, including washing (reckoned at $18.00), are estimated approximately as follows:

1. For students paying full tuition:
   (1) Rooming in the Dormitory:
      (*a*) Academy $185.00
      (*b*) College 190.00
   (2) Rooming and boarding in Edwards Hall:
      (*a*) Academy, about.....$135.00
      (*b*) College, about..... 140.00

2. For those who receive tuition at half rates the above expenses are reduced about $15.00.

The above does not include books, traveling expenses, and pin money.

TO PARENTS.

Parents are earnestly requested (1) to note the rule of the Board requiring the payment of tuition in advance; (2) to examine carefully the reports of standing sent out at the close of each term; (3) to furnish their sons with but little more money than is needed to meet the necessary expenses as stated above. Students found to be spending money too freely will not be retained in the institution.

Woman's Auxiliary.

The Woman's Auxiliary Society was organized some three years ago for the purpose of deepening the interest of the Presbyterian women of Minnesota in Macalester College. It has done a valuable work and deserves hearty support. It seeks to enlist members in all the Presbyterian churches of the State. The membership fee is $1.00; honorary membership fee $10.00.

Since its organization it has raised over three thousand dollars, which has been carefully expended in repairing and enlarging The Elms. During the past year new rooms have been fitted up and a new heating plant put in at an expense of several hundred dollars.

The officers are:

Mrs. T. D. Simonton (83 Summit Ave.), President.

Mrs. A. E. Brush (Macalester Park), First Vice President.

Mrs. James Compton, Second Vice President.

Mrs. M. D. Edwards, Third Vice President.

Mrs. C. F. Morgan (633 Dayton Ave.) Secretary.

Mrs. R. A. Kirk (15 Laurel Ave., St. Paul), Treasurer.

Mrs. Chas. E. Mackean (399 Ashland Ave.) Corresponding Secretary.

Roll of Students.

Senior Class.

William Beckering, a. c.....Leoti, Minn.
Louis Benes, a. c.....Firth, Neb.
Henry Roy Bitzing, a. c..... St. Paul, Minn.
Percy Porter Brush, a. c.....Angus, Minn.
Belle Irene Campbell, m. c.....St. Paul, Minn.
Charles Morrow Farney, a. c.....Elmville, Ont.
Henry D. Funk, m. c.....St. Paul, Minn.
Nathaniel E. Hoy, m. c.....Winthrop, S. D.
Lewis Hughes, a. c.....Ottawa, Minn.
Richard Uriah Jones, a. c.....Ottawa, Minn.
William C. Laube, m. c.....St. Paul, Minn.
Millicent V. Mahlum, a. c.....Brainerd, Minn.
William Henry Travis, a. c.....St. Paul, Minn.
Lily Bell Watson, a. c.....Macomb, Ill.

Junior Class.

Frederick Brown, a. c.....Sylvan, Ont.
John Edward Chrystal, a. c.....La Delle, S. D.
Sarah A. Haines, m. c.....Austin, Minn.
Grace Iddings, m. c.....St. Paul, Minn.
Leonard L. Mann, a. c.....Richfield, Minn.
F. H. Newton, a. c....Jullundur City, Punjab, India.
Winifred Ruth Pringle, a. c.....St. Paul, Minn.
Edgar E. Sharp, m. c.....Moorhead, Minn.
Benjamin Bruce Wallace, a. c.....St. Paul, Minn.
Helen Margaret Wallace, a. c.....St. Paul, Minn.

Sophomore Class.

Clarence William Crawford, m. c....Chatfield, Minn.
John Morton Davies, a. c.....Courtland, Minn.
Harry Garfield Davis, a. c.....Center Junction, Iowa.
William Elliott, p.....Seaforth, Can.
Julia Anita Elmer, a. c.....St. Paul, Minn.
Peter Erickson, a. c.....Kasson, Minn.
Francis Henry Evans, p.....Minneapolis, Minn.
Robert McMaster Hood, a. c.....Island Lake, Minn.
Raymond Lewis Kilpatrick, m. c.....Luverne, Minn.
Albert Bruce McCallister, a. c.....Madison, S. D.
Harry Rhys Morgan, m. c.....St. Paul, Minn.
Phillip Henry Peterson, a. c.....Maple Plain, Minn.
Joseph E. Rankin, a. c.....Stephen, Minn.
Mary J. Rankin, m. c.....Stephen, Minn.
Robert Leslie Thompson, a. c.....Port Colborne, Ont.
Pitt Montgomery Walker, a. c.....Macomb, Ill.
William Henry Weber, m. c.....Cedar Falls, Wis.
Max Millian Wiles, a. c.....Yorktown, Iowa.

Freshman Class.

De Loyd Barber, p.....Minneapolis, Minn.
Floyd Brown, m. c.....Brainerd, Minn.
Peter Arthur Davies, a. c.....Courtland, Minn.
Thomas Hunter Dickson, Jr., a. c.....St. Paul, Minn.
Bessie Shepard Doig, m. c.....Claremont, Minn.
Lulia Gertrude Douglas, m. c.....Havana, Minn.
Margaret Alice Evans, m. c.....Le Sueur, Minn.
Walter D. Howell, p.....St. Paul, Minn.

NAMES OMITTED: Sophomore Class.

Peter Westin Jacobson, a. c.....Lanesboro, Minn.
Carl William Jensen, p.....Kasson, Minn.

Roll of Students.

Senior Class.

William Beckering, a. c.....Leoti, Minn.
Louis Benes, a. c.....Firth, Neb.
Henry Roy Bitzing, a. c..... St. Paul, Minn.
Percy Porter Brush, a. c.....Angus, Minn.
Belle Irene Campbell, m. c.....St. Paul, Minn.
Charles Morrow Farney, a. c.....Elmville, Ont.
Henry D. Funk, m. c.....St. Paul, Minn.
Nathaniel E. Hoy, m. c.....Winthrop, S. D.
Lewis Hughes, a. c.....Ottawa, Minn.
Richard Uriah Jones, a. c.....Ottawa, Minn.
William C. Laube, m. c.....St. Paul, Minn.
Millicent V. Mahlum, a. c.....Brainerd, Minn.
William Henry Travis, a. c.....St. Paul, Minn.
Lily Bell Watson, a. c.....Macomb, Ill.

Junior Class.

Frederick Brown, a. c.....Sylvan, Ont.
John Edward Chrystal, a. c.....La Delle, S. D.
Sarah A. Haines, m. c.....Austin, Minn.
Grace Iddings, m. c.....St. Paul, Minn.
Leonard L. Mann, a. c.....Richfield, Minn.
F. H. Newton, a. c....Jullundur City, Punjab, India.
Winifred Ruth Pringle, a. c.....St. Paul, Minn.
Edgar E. Sharp, m. c.....Moorhead, Minn.
Benjamin Bruce Wallace, a. c.....St. Paul, Minn.
Helen Margaret Wallace, a. c.....St. Paul, Minn.

Sophomore Class.

Clarence William Crawford, m. c....Chatfield, Minn.
John Morton Davies, a. c.....Courtland, Minn.
Harry Garfield Davis, a. c.....Center Junction, Iowa.
William Elliott, p.....Scaforth, Can.
Julia Anita Elmer, a. c.....St. Paul, Minn.
Peter Erickson, a. c.....Kasson, Minn.
Francis Henry Evans, p.....Minneapolis, Minn.
Robert McMaster Hood, a. c.....Island Lake, Minn.
Raymond Lewis Kilpatrick, m. c.....Luverne, Minn.
Albert Bruce McCallister, a. c.....Madison, S. D.
Harry Rhys Morgan, m. c.....St. Paul, Minn.
Phillip Henry Peterson, a. c.....Maple Plain, Minn.
Joseph E. Rankin, a. c.....Stephen, Minn.
Mary J. Rankin, m. c.....Stephen, Minn.
Robert Leslie Thompson, a. c.....Port Colborne, Ont.
Pitt Montgomery Walker, a. c.....Macomb, Ill.
William Henry Weber, m. c.....Cedar Falls, Wis.
Max Millian Wiles, a. c.....Yorktown, Iowa.

Freshman Class.

De Loyd Barber, p.....Minneapolis, Minn.
Floyd Brown, m. c.....Brainerd, Minn.
Peter Arthur Davies, a. c.....Courtland, Minn.
Thomas Hunter Dickson, Jr., a. c.....St. Paul, Minn.
Bessie Shepard Doig, m. c.....Claremont, Minn.
Lulia Gertrude Douglas, m. c.....Havana, Minn.
Margaret Alice Evans, m. c.....Le Sueur, Minn.
Walter D. Howell, p.....St. Paul, Minn.

William H. Kendall, a. c.....Leavenworth, Ind.
Alfred Edward Koenig, m. c....Howard Lake, Minn.
Emma Mathilde Larson, m. c.....St. Paul, Minn.
George Andrew Nelson, m. c.....Kasson, Minn.
William Axel Nord, m. c.....Willmar, Minn.
John A. Pritzkau, m. c.....Bridgewater, S. D.
Harry Lawrence Randall, m. c.....Mankato, Minn.
Bertha Florence Roddis, m. c.....Leslie, Minn.
David Roddis, m. c.....Leslie, Minn.
Florence Setzer, p.....St. Paul, Minn.
Ida Grace Sharp, m. c.....Canton, S. D.
George Emil Shellman, a. c.....Amor, Minn.
Warren Thomas Stillwell, m. c.....Pipestone, Minn.
Henry John Voskuil, m. c.....Baldwin, Minn.
Janet R. Watson, m. c.....Bathgate, N. D.
Tolbert Watson, a. c.....Hoople, N. D.
Mabel Wicker, m. c.....St. Paul, Minn.
Laura Woodward, m. c.....Granite Falls, Minn.

MUSIC STUDENTS.

Minnie Elmira Brandt, p., h.....Murdock, Minn.
Cora Bramblett, p.....St. Paul, Minn.
Percy Porter Brush, v.....Angus, Minn.
Grace I. Chapin, p.....Warren, Minn.
John E. Chrystal, v.....La Delle, S. D.
Anna M. Dickson, v.....St. Paul, Minn.
Grace Delameter, p.....Fulda, Minn.
Blanche Firman Coventry, v.....Brainerd, Minn.

Lovina E. Hansen, p.....Fulda, Minn.
Nathaniel E. Hoy, v., p., h.....Winthrop, S. D.
Lewis Hughes, v., p.....Ottawa, Minn.
Raymond Eugene Ingalls, h.....St. Paul, Minn.
Richard Uriah Jones, v.....Ottawa, Minn.
Florence Lucile Johnson, p.....St. Paul, Minn.
Ruth Allyne Johnson, p.....St. Paul, Minn.
Roy Clarke Lammers, v.....Stillwater, Minn.
Margie Leach, p.....St. Paul, Minn.
Cathryn Alice McGee, v.....St. Paul, Minn.
Millicent V. Mahlum, p., h.....Brainerd, Minn.
Leonard E. Mastenbrook, p.....Kasson, Minn.
Edith C. Moore, p., v.....Red Lake Falls, Minn.
F. H. Newton, v.....Jullunder City, Punjab, India.
May De Etta Patterson, p., h...Red Lake Falls, Minn.
Grace Taylor, v., viol.....Fulda, Minn.
Tolbert A. Watson, p., h.....Hoople, N. D.

ACADEMY.

Senior Class.

Sydney Vaughn Ballou.....Euclid, Minn.
Earl Kenneth Bitzing, m. c.....St. Paul, Minn.
Eugene Erwin Bromley, m. c.....Claremont, Minn.
Ethel Calvert Brown, m. c.....St. Paul, Minn.
Clyde Reston Chapin, m. c.....Warren, Minn.
Grace I. Chapin, m. c.....Warren, Minn.
Mio Genevieve Clark, m. c.....St. Cloud, Minn.
Blanche Firman Coventry, p.....Brainerd, Minn.

Otto Everitt Dornberg, m. c....Redwood Falls, Minn.
Isabelle Elmer, m. c.....St. Paul, Minn.
Owen Arnold Evans, a. c.....Minneapolis, Minn.
Thomas Edwin Flinn, m. c.....Redwood Falls, Minn.
George Harold Gardner, m. c.....Brainerd, Minn.
Ledin Otway Geib, m. c.....Groton, S. D.
Clara Iddings, m. c.....St. Paul, Minn.
Elmer Johnson, m. c.....Kimbrae, Minn.
Joseph Kubat, m. c.....Montgomery, Minn.
Cathryn Alice McGee, m. c.....St. Paul, Minn.
Leonard E. Mastenbrook, m. c.....Kasson, Minn.
Charles Kivett Morgan, m. c.....Goodhue, Minn.
Mav De Etta Patterson, p....Thief River Falls, Minn.
Minnie Pettit.....Minneapolis, Minn.
Paul K. Pulte, p.....Philadelphia, Pa.
Carl John Shellman, a. c.....Amor, Minn.
Grace Sproat, m. c.....St. Paul, Minn.

Junior and Second Year Classes.

George Wood Anderson, m. c.....Austin, Minn.
Carl Henry Arns.....Bremer, Iowa.
James A. Biddeson.....West St. Paul, Minn.
Glen Copley Bickley, m. c.....Kimbrae, Minn.
William Herbert Burns, m. c.....St. Paul, Minn.
George Cain, m. c.....Glenbeulah, Minn.
Sarah Canning, m. c.....Hendrum, Minn.
Harry Chase Chapin, m. c.....Euclid, Minn.
Julius Thorwald Christensen, m. c..Elbow Lake, Minn.

Charles H. Collins.....Crookston, Minn.
Josephine Elmer, a. c.....St. Paul, Minn.
Gwilym Humphrey Evans, a. c....Minneapolis, Minn.
Edith Farwell, p.....St. Paul, Minn.
Barney Finnson, m. c.....Crystal, N. D.
Charles Gillespie, m. c.....Stephen, Minn.
James Hamilton, a. c.....Towner, N. D.
Evaline C. Horne.....Harrison, Minn.
Jennie Kron, p.....St. Paul, Minn.
Samuel Otto Leslie, p.....Luverne, Minn.
Olaf J. Lundell, m. c.....Stillwater, Minn.
Allan Lindsay McAfee, m. c.....St. Paul, Minn.
Harvey Wells Misner, m. c.....Euclid, Minn.
Edith C. Moore, m. c.....Red Lake Falls, Minn.
Willie Arthur Murney, m. c.....Euclid, Minn.
Richard Samuel Nutt.....Argyle, Minn.
Robert Roy Otis, a. c.....St. Paul, Minn.
Percy Roy Pengra, p.....Luverne, Minn.
William Fred Pottsmith, p.....Minneapolis, Minn.
Charles Richardson, p.....Elmore, Minn.
George Ritchie.....Duluth, Minn.
Philip Setzer, p.....St. Paul, Minn.
John William Stuhr, m. c.....Euclid, Minn.
Robert Sinclair Wallace.....St. Paul, Minn.
Irwin Brown Ward, p.....Minneapolis, Minn.
Louie Harris Wilhite, a. c.....Madison, S. D.

First Year.

Albin T. Brandt.....Murdock, Minn.
Elbert Phillips Brush.....St. Paul, Minn.
Oliver Hjalmner Hanson.....Stephen, Minn.
R. E. Hartzen.....St. Paul, Minn.
Fred Sherman Lammers.....Stillwater, Minn.
Roy Clarke Lammers.....Stillwater, Minn.
Arthur John Lundin.....Stephen, Minn.
Robert McConnell.....Fulda, Minn.
John McDonald.....Milton, N. D.
John Alexander McKenzie.....Vesta, Minn.
Otto M. Misz.....St. Paul, Minn.
Sidney A. Mosher.....West St. Paul, Minn.
Otto Olson.....West Denmark, Wis.
John George Richwine.....St. Paul, Minn.
Archie Guy Rosaaen.....Fisher, Minn.
John Henry Schmaus.....St. Paul, Minn.
William Stoughton.....Fisher, Minn.
Norman Traviss.....St. Thomas, N. D.
Harry Wellington Ward.....Redwood Falls, Minn.
Anna Bella Watson.....Hendrum, Minn.

Special.

Harlowe Andrews.....Two Harbors, Minn.
William J. Bates.....Argyle, Minn.
Minnie Almina Brandt.....Murdock, Minn.
Anna Canning.....Hendrum, Minn.
Alice Groves Carmichael.....Fulda, Minn.

Lovina E. Hansen.....Fulda, Minn.
Raymond Eugene Ingalls.....St. Paul, Minn.
Vera Pinch.....Merriam Park, Minn.
Addie Louise Stiles.....Fulda, Minn.

ALUMNI.

The Alumni organized themselves into an Association in June, 1894. This Association holds its annual business meeting at 4 p. m., and banquet at 5 p. m., on Tuesday preceding commencement, in the President's room. This meeting has become an interesting and important part of the exercises connected with commencement. The purpose of the Association is to cultivate *esprit de corps,* and to do all in its power to promote the interests of the College.

The officers of the Association are:
Dr. Frank Balcome, Pres....St. Anthony Park, Minn.
Miss Anna M. Dickson, Sec. and Treas. St. Paul, Minn.

Class of 1889.

George Washington Achard.....Lawyer, Minneapolis
Jos. Wilson Cochran.....Minister, Philadelphia
Ulysses Grant Evans.....Minister, Atkins, Iowa
James Chase Hambleton. Teacher, Ancud, Chili, S. A.
Benjamin Wallace Irvin.....Deceased
Samuel M. Kirkwood.....Surgeon, Hamline, Minn.
Wm. Porter Lee.....Minister, Germantown, Pa.
Paul Erskine McCurdy...Business, Wilmington, Del.

Louis Ferdinand Slagle.....Deceased
Charles Albert Winter.....Lawyer, New York City

Class of 1890.

Myron A. Clark..Sec. Y. M. C. A., Rio Janeiro, Brazil
Thaddeus T. Cresswell.....Minister, Beloit, Wis.
John Knox Hall.....Missionary, Porto Rico
William Henry Humphrey.....Minister, Delhi, O.
William Paul Kirkwood..Editor, Minneapolis Journal
Amos Avery Randall.....Minister, Marengo, Iowa
Judson L. Underwood.....Missionary, Porto Rico

Class of 1891.

Frank Brown.....Teacher, Chicago, Ill.
Walter F. Finch..Pastor at large, Fergus Falls, Minn.
Walfred Sunberg .....Deceased
William B. Turner.....Teacher, Minneapolis, Minn.
Thomas C. Williamson...Business, Greenwood, S. D.

Class of 1893.

James Carlisle Simonton...Business, St. Paul, Minn.
Joseph Zoll.....Minister, Gilman, Ill.

Class of 1894.

Francis W. Beidler.....Minister, Jeffersonville, Pa.
Archibald Cardle.....Minister, Slayton, Minn.
Paul A. Ewert.....Lawyer, Pipestone, Minn.
George E. Johnson.....Minister, El Reno, Ok.
Sam'l M. Marsh.....Minister, Sandstone, Minn.
Wm. H. Sinclair.....Minister, Alden, Minn.

Class of 1895.

Frank E. Balcome.Physician, St. Anthony Park, Minn.

John W. Christianson.....Wilmont, Minn.
Thomas Fitz-Morris Clark. Minister, Indianapolis, Ind.
Chas. D. Darling.....Minister, Petersburg, Ind.
Ed. Howard Gordon.....Lawyer, Cavalier, N. D.
Harry Clinton Schuler...Missionary, Teheran, Persia.
John Hansen Sellie.....Minister, Buffalo, Minn.
Nels Sunby, p. c.....Minister, Oxford, Neb.
Arthur Whitney Vance, Reporter, Daily News, St. Paul

Class of 1896.

Winthrop Allison, p. c..Minister, South Omaha, Neb.
Alexander Edward Cance..Supt. Schools, Racine, Wis.
Henry A. Leaty, p. c.....Minister, Mora, Minn.
M. M. Maxwell.....Minister, Royalton, Minn.
Samuel Feightner Sharp.....Minister, Holly, N. Y.

Class of 1897.

Albert Ernest Evans.....Student, Chicago, Ill.
Charles W. Hansen.....Minister, Romulus, N. Y.
Ernest Charles Henke....Minister, Weyawauga, Wis.
George Leck.....Missionary, Pyeng Yang, Korea.
John McLearie.....Minister, Rapid City, S. D.
Winifred Viola Moore.....Teacher, Virginia, Minn.
Arthur A. Palmer.....Minister, Le Roy, Minn.
Charles Petran.....Missionary, Saltillo, Mexico
Louis B. Sherwin.....Student, Chicago, Ill.
William K. Sherwin.....Student, Rochester, N. Y.
Arthur G. Welbon.....Missionary, Seoul, Korea.

Class of 1898.

Clarence Dwight Baker..Teacher, Minneapolis, Minn.

Charles Warren Dade.....Student, Chicago, Ill.
Anna Moore Dickson.....Teacher, St. Paul, Minn.
Caspar Gregory Dickson.Clerk Nat. Lib'y, Washington
Nellie M. Flanders.....Teacher, Kenyon, Minn.
John M. Guise.....Teacher, Kenyon, Minn.
Carlton Leslie Koons.....Student, Chicago, Ill.
Robert Charles Mitchell.....Minister, Luzerne, N. Y.
William James Mitchell....Minister, Pulteney, N. Y.
David Walter Morgan.....Student, Chicago, Ill.

Class of 1899.

Hugh Stuart Alexander.....Teacher, St. Paul, Minn.
Walter Baker Augur.....Student, Princeton, N. J.
Charles Allen Clark.....Student, Chicago, Ill.
Ralph Elmo Clark.....Student, Princeton, N. J.
Paul Doeltz.....Student, Princeton, N. J.
George Clements Edson....Student, Princeton, N. J.
Thomas George Jamieson.....Teacher, Roscoe, S. D.
Almira F. Lewis.....Teacher, St. Paul, Minn.
James Murray.....Student, San Anselmo, Cal.
Samuel Merton Pinney.....Teacher, Blaine, Wash.
Jacob Elmer Smits.....Teacher, Fairmount, Minn.
George Stanley.....Student, Auburn, N. Y.
Murray Alberton Travis..Student, Chicago University

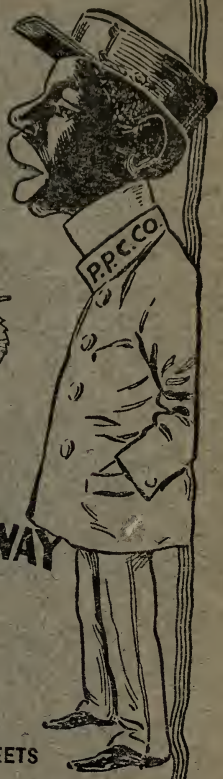
Class of 1900.

John Calvin Abels....Stated Supply, Brewster, Minn.
Mills Strong Grimes.....Student, Princeton, N. J.
Ralph Emerson Herron.....Teacher, Paullina, Iowa.
John Robert Landsborough..Student, Princeton, N. J.

Ernest August Oldenburg...Student, Princeton, N. J.
Mathilde Pederson.....Teacher, Albert Lea, Minn.
Irving David Roach.....Law Student, California
William James Sharp.....Student, San Anselmo, Cal.
Roy Walker Smits.....Teacher, Brewster, Minn.
David Alpheus Thompson..Student, Princeton, N. J.

Legal Form of Bequest.—I give and bequeath to the Trustees of Macalester College of St. Paul, Minn., duly incorporated under the laws of Minnesota, the sum of

THE FINEST SLEEPING CARS IN THE WORLD



CHICAGO GREAT WESTERN RAILWAY

Maple Leaf Route

TO CHICAGO
DES MOINES
AND KANSAS CITY

ST. PAUL OFFICE CORNER ROBERT AND FIFTH STREETS

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